Intern Stump®

PRODUCT BROCHURE

LIVE COURSE

Cloud Computing & DevOps

Live, mentor-led course on AWS cloud fundamentals, Linux, Docker, Kubernetes, CI/CD and Terraform. Build and deploy real projects and become ready for cloud and DevOps engineer roles.

Industry-Led Course | Applications Opened | Technical

DURATION
4 Months

LEVEL
Beginner to Advanced

MODE
Live Online

LANGUAGE
English

BATCH STARTS
16 Nov 2026

ENROLMENT CLOSES
15 Nov 2026

COURSE FEE

Starting from

₹9,999

3 plans - compare them in Plans & pricing

Scan the QR code on the back cover to view details & enrol

internstump.com

LIVE COURSE BROCHURE

Inside this brochure

Everything on the Cloud Computing & DevOps page, in one document. Tap a section to jump to it.

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01 · AT A GLANCE

Course Overview

Live, mentor-led course on AWS cloud fundamentals, Linux, Docker, Kubernetes, CI/CD and Terraform. Build and deploy real projects and become ready for cloud and DevOps engineer roles.

This live, mentor-led course covers cloud fundamentals, Linux, Git, Docker, Kubernetes, CI/CD pipelines, Terraform and monitoring on AWS. You learn through guided labs, weekly assignments and nine deployment projects, finishing with a job-ready portfolio and the confidence to apply for DevOps and cloud roles.

DURATION **4 Months**	LEVEL **Beginner to Advanced**
MODE **Live Online**	LANGUAGE **English**
BATCH STARTS **16 Nov 2026**	ENROLMENT CLOSES **15 Nov 2026**
RATING **5.0 / 5**	LEARNERS **Trusted by ambitious learners nationwide**

COURSE FEE

Starting from ₹9,999

3 plans - compare them in Plans & pricing

Enrollment closes on 15 Nov 2026 - Nov 2026 Batch starts 16 Nov 2026.

Highlights

Industry-Led Upskilling Courses

Learn from industry professionals with years of real-world experience.

Personalized Mentorship

Get one-on-one guidance tailored to your career goals and aspirations.

Premium Resources

Access course materials, job portal, free events, challenges and learner 8C Appraisal reports.

Vibrant Community

Connect with like-minded peers and build lasting professional relationships.

02 · SIMPLE 3-STEP JOURNEY

How Our Courses Work

A structured, step-by-step path designed to take you from foundational learning to career success with industry guidance.

01

Step 1: Enroll & Get Started

Choose your course and complete the enrollment process. Access your learning materials instantly and join our community of learners.

✓ Instant access to course materials
✓ Personalized learning dashboard
✓ Welcome orientation session

02

Step 2: Learn & Practice

Engage with interactive lessons, live sessions, and hands-on projects. Learn from industry experts and apply your knowledge in real-world scenarios.

✓ Live classes with expert instructors
✓ Hands-on practical projects
✓ One-on-one mentorship support

03

Step 3: Complete & Get Certified

Finish your coursework, pass assessments, and receive your professional certificate. Launch your new career with confidence and credentials.

✓ Industry-recognized certificate
✓ Portfolio of completed projects
✓ Career placement assistance

03 · BEFORE YOU ENROLL

Eligibility & Prerequisites

Check who this course is designed for and what you should know before your first class.

WHO CAN JOIN

Eligibility

- ✓ Students from any engineering or science degree stream
- ✓ Fresh graduates seeking cloud or DevOps roles
- ✓ Working professionals in IT support or development who want to upskill
- ✓ Career switchers with basic computer knowledge and strong motivation

BEFORE YOU START

Prerequisites

- ✓ Basic computer and internet usage
- ✓ Familiarity with any programming language is helpful
- ✓ Willingness to practise in the command line
- ✓ A laptop with at least 8 GB RAM and a stable internet connection

04 · CAREER-READY SKILLS

Skills You Will Gain

Hands-on skills you will practise in live classes, assignments and projects throughout the course.

AWS · Linux · Shell Scripting · Git · GitHub · Docker · Kubernetes · Jenkins · GitHub Actions · CI/CD · Terraform · Ansible · Prometheus · Grafana · Networking Basics · Cloud Security

05 · PRODUCT ECOSYSTEM ARCHITECTURE

How we designed our Product?

An all-in-one ed-tech ecosystem carefully engineered to bridge learning, practical skill assessment, career guidance, and employment.

WORLD'S FIRST FEATURE

8C Appraisal Report

Proprietary evaluation matrix measuring holistic performance across 8 career pillars for authentic proof-of-work.

- Communication
- Configuration
- Chronicle
- Completeness
- Cognizance
- Conception
- Comprehension
- Case Study

Industry Validated · 100% Data Score

SUBJECT MATTER EXPERT AI

Insyrio AI

Get instant 24/7 doubt solving and concept clarifications directly from our specialized AI trained on your enrolled courses.

- ✓ 24/7 Course-Specific SME Assistant
- ✓ Instant Step-by-Step Doubt Resolution

Instant Learning Support

GAMIFIED REWARDS

iSure Coins

Use iSure Coins for AI career tools, masterclasses and CertiQ - and part-pay your course fee with them.

- ✓ Earn Perks & Rewards · Pay with Coins

Redeem Rewards Store

AI ENGINE

AI Career Diagnosis

Algorithmic analysis mapping strengths, gaps, and tailored pathways for industry roles.

- ✓ Skill Gap Mapping

Personalized Roadmap

CURRICULUM

Industry-Led Courses

Handcrafted learning modules built directly alongside senior engineering, design, and management leads.

Practical Frameworks

LIVE

Live Classes

Interactive classrooms with live chat, code walk-throughs, and real-time engagement.

Real-time Q&A Support

AUTO-SCAN

AI Resume ATS

Instant ATS optimization scanner ensuring your resume passes screening software effortlessly.

High Parser Score

PRACTICAL

Assignments

Industry-grade project briefs with detailed feedback and grading from experienced mentors.

Code & Work Reviews

WEEKLY

Challenges

Weekly hackathons, coding sprints, and design contests to test your problem-solving skills.

Leaderboard Ranking

NETWORKING

Events

Exclusive expert keynotes, career fairs, and interactive networking workshops.

Free Community Pass

1-ON-1

Live Mentorship

Direct one-on-one video guidance sessions with experienced industry practitioners.

Personalized Growth

TRACKING

Attendance

Class-by-class attendance tracking to ensure disciplined, consistent progression.

Attendance Reports

HIRING

Jobs

Direct hiring pipeline connecting top-performing learners directly with recruiter managers.

Exclusive Placements

FREE ACCESS

Free Books

Curated digital library filled with essential tech, management, and soft-skill books.

Instant Digital Library

ARTICLES

Blog

In-depth technical tutorials, industry trend analysis, and career growth strategies.

Updated Weekly

FREE ACCESS

Free Study Material

Downloadable cheat sheets, interview preparation guides, templates, and revision notes.

One-Click Downloads

06 · COURSE CURRICULUM

What You Will Learn

A carefully sequenced curriculum - every section breaks into modules and hands-on topics taught live by industry experts.

6	30	180	9
SECTIONS	MODULES	TOPICS	PROJECTS

NO.	MODULE	TOPICS	SESSIONS
SECTION 01 · 5 modules · 30 topics **Cloud Fundamentals and Linux Essentials** This section builds the foundation of cloud computing concepts and hands-on Linux command line skills that every DevOps engineer relies on.			
M1.1	**Introduction to Cloud Computing** Learners understand what the cloud is, why organizations adopt it, and how its core models work.	1 What Is Cloud Computing 2 Service Models IaaS PaaS and SaaS 3 Deployment Models Public Private and Hybrid 4 Cloud Economics and Pricing 5 Major Cloud Providers Overview 6 Shared Responsibility and Cloud Security Basics	**1 – 6** · 6 sessions
M1.2	**Core Cloud Infrastructure Services** Learners get acquainted with the building blocks of compute, storage, and networking in the cloud.	1 Virtual Machines and Compute Instances 2 Cloud Storage Types 3 Virtual Networks and Subnets 4 Security Groups and Firewalls 5 Load Balancing and Auto Scaling 6 Cloud Databases and Managed Services	**7 – 12** · 6 sessions

NO.	MODULE	TOPICS	SESSIONS
M1.3	**Linux Basics and the Command Line** Learners gain confidence navigating Linux systems and working in the terminal.	1 Linux Overview and Distributions 2 Navigating the File System 3 Working with Files and Directories 4 Viewing and Searching Text 5 Pipes and Redirection 6 Text Editing with Nano and Vim	**13 – 18** · 6 sessions
M1.4	**Linux Administration Essentials** Learners manage users, permissions, processes, and software on Linux servers.	1 Users and Groups 2 File Permissions and Ownership 3 Package Management 4 Processes and Resource Monitoring 5 Services and Systemd 6 Disk Management and Archiving	**19 – 24** · 6 sessions
M1.5	**Networking and Shell Scripting Foundations** Learners connect to remote servers, understand networking basics, and automate tasks with shell scripts.	1 Networking Fundamentals for Cloud Engineers 2 Remote Access with SSH 3 Network Troubleshooting Tools 4 Introduction to Bash Scripting 5 Conditionals and Loops in Bash 6 Scheduling Tasks and Section Project	**25 – 30** · 6 sessions

SECTION 02 · 5 modules · 30 topics

Version Control and Scripting Automation

Learners master Git-based collaboration and Bash and Python scripting to automate everyday infrastructure and development tasks.

M2.1	**Git Fundamentals** This module introduces the core concepts and daily commands of Git for tracking changes in code and configuration files.	1 Version Control Concepts and Git Setup 2 Repositories, Staging and Commits 3 Inspecting History and Differences 4 Ignoring Files and Managing Project Hygiene 5 Undoing Changes Safely 6 Tags and Release Versioning	**31 – 36** · 6 sessions

NO.	MODULE	TOPICS		SESSIONS
M2.2	**Branching and Collaboration Workflows** This module covers how teams work in parallel using branches, merges and review processes.	1	Creating and Switching Branches	**37 – 42** · 6 sessions
		2	Merging and Resolving Conflicts	
		3	Rebasing and Clean History	
		4	Working with Remotes	
		5	Pull Requests and Code Review	
		6	Team Branching Strategies	
M2.3	**Bash Scripting Essentials** This module builds practical shell scripting skills for automating repetitive command-line work.	1	Shell Script Basics	**43 – 48** · 6 sessions
		2	Variables, Input and Arguments	
		3	Conditionals and Test Expressions	
		4	Loops and Iteration	
		5	Functions and Reusable Scripts	
		6	Error Handling and Debugging Bash	
M2.4	**Text Processing and Task Scheduling** This module teaches tools that transform data and run automation on a schedule.	1	Pipes and Redirection in Practice	**49 – 54** · 6 sessions
		2	Searching with grep and Regular Expressions	
		3	Transforming Text with sed and awk	
		4	Working with JSON and YAML on the Command Line	
		5	Scheduling with Cron and Systemd Timers	
		6	Automating Backups and Log Rotation	
M2.5	**Python Automation for DevOps** This module applies Python to infrastructure tasks that outgrow shell scripts.	1	Python Environment and Virtual Environments	**55 – 60** · 6 sessions
		2	Python Syntax for Automation	
		3	File System and Process Automation	
		4	Calling REST APIs with Requests	
		5	Automating Cloud Resources with Python SDKs	
		6	Building a Command-Line Automation Tool	

NO.	MODULE	TOPICS		SESSIONS
SECTION 03 · 5 modules · 30 topics **AWS Core Services and Networking** Learners gain hands-on experience with the foundational AWS compute, storage, database, and networking services needed to design and run secure cloud environments.				
M3.1	**AWS Account Setup and Identity Management** This module covers how to set up and secure an AWS account and control access using identity and permission tools.	1	AWS Global Infrastructure and Console Tour	**61 – 66** · 6 sessions
		2	Creating and Securing an AWS Account	
		3	IAM Users, Groups, and Roles	
		4	IAM Policies and Permission Boundaries	
		5	AWS CLI and SDK Access	
		6	Shared Responsibility and Governance Basics	
M3.2	**Compute with EC2 and Serverless** This module introduces virtual servers and serverless options for running applications on AWS.	1	Launching EC2 Instances	**67 – 72** · 6 sessions
		2	Instance Storage and EBS Volumes	
		3	EC2 Pricing Models and Cost Optimization	
		4	Load Balancing and Auto Scaling	
		5	AWS Lambda and Event-Driven Functions	
		6	Containers on AWS with ECR and ECS	
M3.3	**Storage and Databases** This module explores AWS options for storing objects, files, and structured data.	1	Amazon S3 Buckets and Objects	**73 – 78** · 6 sessions
		2	S3 Security, Versioning, and Lifecycle Rules	
		3	Static Website Hosting with S3 and CloudFront	
		4	Relational Databases with Amazon RDS	
		5	NoSQL with DynamoDB	
		6	File Storage and Data Transfer Options	

NO.	MODULE	TOPICS	SESSIONS
M3.4	**VPC Networking Fundamentals** This module teaches how to design and build isolated, well-structured networks in AWS.	1 VPC Design and CIDR Planning 2 Public and Private Subnets with Route Tables 3 Internet Gateways and NAT Gateways 4 Security Groups and Network ACLs 5 VPC Peering and Transit Connectivity 6 Bastion Hosts and Secure Remote Access	**79 – 84** · 6 sessions
M3.5	**DNS, Monitoring, and Resilient Architecture** This module combines traffic routing, observability, and design practices that keep AWS workloads reliable.	1 DNS with Route 53 2 Routing Policies and Health Checks 3 Monitoring with CloudWatch Metrics and Logs 4 Alarms and Notifications with SNS 5 Well-Architected Framework Principles 6 Capstone Lab: Building a Highly Available Web Tier	**85 – 90** · 6 sessions

SECTION 04 · 5 modules · 30 topics

Containers with Docker and Kubernetes

Learners package applications into containers and then deploy, scale and operate them on Kubernetes clusters using production-style practices.

NO.	MODULE	TOPICS	SESSIONS
M4.1	**Container Fundamentals** Learners understand what containers are and how they differ from virtual machines while running their first containers.	1 Containers versus Virtual Machines 2 Installing Docker and Running Containers 3 Working with Images and Registries 4 Inspecting and Debugging Containers 5 Container Networking Basics 6 Persisting Data with Volumes and Bind Mounts	**91 – 96** · 6 sessions

NO.	MODULE	TOPICS	SESSIONS
M4.2	**Building Production-Ready Images** Learners write efficient and secure Dockerfiles and orchestrate multi-container applications locally.	1 Writing Your First Dockerfile 2 Layer Caching and Build Optimization 3 Multi-Stage Builds 4 Image Security and Scanning 5 Docker Compose for Multi-Container Apps 6 Automating Image Builds in CI	**97 – 102** · 6 sessions
M4.3	**Kubernetes Architecture and Core Objects** Learners grasp how a Kubernetes cluster works and deploy workloads using its core API objects.	1 Kubernetes Architecture Overview 2 Setting Up a Local Cluster and kubectl 3 Pods and Their Lifecycle 4 Deployments and ReplicaSets 5 Services and Cluster Networking 6 Namespaces, Labels and Selectors	**103 – 108** · 6 sessions
M4.4	**Configuration, Storage and Application Operations** Learners manage configuration, state and traffic routing for real applications running on Kubernetes.	1 ConfigMaps and Secrets 2 Persistent Volumes and Claims 3 StatefulSets and Stateful Workloads 4 Ingress and Traffic Routing 5 Resource Requests, Limits and Autoscaling 6 Jobs, CronJobs and Package Management with Helm	**109 – 114** · 6 sessions
M4.5	**Kubernetes in the Cloud and Operations** Learners run Kubernetes on managed cloud services and apply security, observability and troubleshooting practices.	1 Managed Kubernetes with Amazon EKS 2 Deploying an Application to EKS 3 RBAC and Kubernetes Security 4 Monitoring and Logging with Prometheus and Grafana 5 Troubleshooting Kubernetes Workloads 6 Capstone: Containerize and Deploy a Microservices App	**115 – 120** · 6 sessions

NO.	MODULE	TOPICS		SESSIONS
SECTION 05 · 5 modules · 30 topics **CI/CD Pipelines and Infrastructure as Code** Learners build automated delivery pipelines and provision cloud infrastructure through code using industry standard tools and practices.				
M5.1	**CI/CD Principles and Pipeline Design** This module introduces the concepts and design patterns behind continuous integration and continuous delivery.	1	Continuous Integration Fundamentals	**121 – 126** · 6 sessions
		2	Continuous Delivery versus Continuous Deployment	
		3	Designing Pipeline Stages	
		4	Automated Testing in Pipelines	
		5	Artifact Management and Versioning	
		6	Branching Strategies for Delivery	
M5.2	**Building Pipelines with GitHub Actions and Jenkins** This module gives learners hands-on practice creating pipelines in two widely used CI/CD platforms.	1	GitHub Actions Workflows and Triggers	**127 – 132** · 6 sessions
		2	Reusable Actions and Matrix Builds	
		3	Secrets and Environment Management	
		4	Jenkins Architecture and Setup	
		5	Declarative Jenkins Pipelines	
		6	Building and Pushing Docker Images in CI	
M5.3	**Infrastructure as Code with Terraform** This module teaches learners to define and provision cloud resources declaratively using Terraform.	1	Infrastructure as Code Concepts	**133 – 138** · 6 sessions
		2	Terraform Workflow and HCL Basics	
		3	Providers, Resources and Data Sources	
		4	Variables, Outputs and Locals	
		5	Remote State and Locking	
		6	Terraform Modules and Workspaces	
M5.4	**Configuration Management and GitOps** This module covers configuring servers with Ansible and managing deployments through Git driven workflows.	1	Configuration Management Overview	**139 – 144** · 6 sessions
		2	Ansible Inventory and Ad Hoc Commands	
		3	Writing Ansible Playbooks	
		4	Ansible Roles and Vault	
		5	GitOps Principles	
		6	Continuous Deployment to Kubernetes with Argo CD	

NO.	MODULE	TOPICS	SESSIONS
M5.5	**Secure and Reliable Delivery Practices** This module focuses on securing pipelines and releasing software safely with confidence.	1 Shifting Security Left with DevSecOps 2 Static Analysis and Dependency Scanning 3 Container Image and IaC Scanning 4 Blue Green and Canary Deployments 5 Feature Flags and Rollback Strategies 6 Capstone Pipeline Build and Review	**145 – 150** · 6 sessions

SECTION 06 · 5 modules · 30 topics

Monitoring, Security and Capstone Deployment

Learners master observability, cloud security and cost governance, then apply everything by designing, deploying and presenting a production-grade capstone project.

NO.	MODULE	TOPICS	SESSIONS
M6.1	**Observability and Monitoring Foundations** Learners build visibility into cloud applications using metrics, logs and traces.	1 Principles of Observability 2 Amazon CloudWatch Metrics and Alarms 3 Centralized Logging with CloudWatch Logs and ELK 4 Prometheus and Grafana for Kubernetes 5 Distributed Tracing and Application Performance 6 Alerting, SLIs, SLOs and Incident Response	**151 – 156** · 6 sessions
M6.2	**Cloud Security and Identity Management** Learners secure identities, access and data across cloud environments.	1 Shared Responsibility and Security Fundamentals 2 IAM Policies Roles and Federation 3 Data Protection with KMS and Encryption 4 Secrets Management and Secure Configuration 5 Network Security and Perimeter Defense 6 Threat Detection with GuardDuty and CloudTrail	**157 – 162** · 6 sessions

NO.	MODULE	TOPICS	SESSIONS
M6.3	**DevSecOps and Compliance Automation** Learners embed security checks and governance into delivery pipelines and infrastructure.	1 Shifting Security Left in CI/CD 2 Static and Dependency Scanning 3 Container Image and Kubernetes Security 4 Infrastructure as Code Policy Checks 5 Compliance and Governance with AWS Config 6 Backup, Disaster Recovery and Resilience	**163 – 168** · 6 sessions
M6.4	**Cost Optimization and Operational Excellence** Learners control cloud spend and improve reliability and performance of running systems.	1 Cloud Financial Management Basics 2 Right-Sizing and Pricing Models 3 Autoscaling and Performance Tuning 4 Reliability Engineering and Chaos Testing 5 Well-Architected Framework Review 6 Runbooks and Operational Automation	**169 – 174** · 6 sessions
M6.5	**Capstone Project Deployment and Career Launch** Learners design, deploy, secure and present an end-to-end cloud project and prepare for DevOps roles.	1 Capstone Planning and Architecture Design 2 Building Infrastructure and Pipeline for the Capstone 3 Deploying the Application to Kubernetes 4 Adding Monitoring and Security Controls 5 Capstone Demo and Peer Review 6 Certification Roadmap and DevOps Interview Preparation	**175 – 180** · 6 sessions

07 · PLACEMENT TRAINING

Our Placement Support Services

Placement Training comes with the Placement Assistance plan. Once your course is completed, our placement trainers take you through these six live sessions one by one - finish all six to earn the Placement Training Completion Certificate.

01

Complete your course

Placement Training starts after course completion

02

6 sessions, one by one

Each step is scheduled after the previous one is done

03

Get certified

Placement Training Completion Certificate

STEP 1 OF 6 · LIVE SESSION

1:1 Mock Interview

A live one-to-one mock interview with an industry expert, followed by honest feedback on your answers, confidence and presence.

- ✓ Technical & HR round simulation
- ✓ Questions from your course domain
- ✓ Body language & confidence pointers
- ✓ Personal improvement checklist

1:1 Live · Online · Feedback

After course completion · live with a placement trainer

STEP 2 OF 6 · EXPERT REVIEW

Resume Optimization

Your resume reviewed line by line and reshaped into a clear, ATS-friendly profile that highlights your projects and skills.

- ✓ Structure & format review
- ✓ Impact-focused bullet points
- ✓ Course projects showcased
- ✓ Keywords for your target roles

ATS-Ready · Projects · Rewrite

After course completion · live with a placement trainer

STEP 3 OF 6 · PROFILE MAKEOVER

LinkedIn Optimization

Headline, About, skills and featured work tuned so recruiters can find you and quickly see what you can do.

- ✓ Headline & About section
- ✓ Skills & endorsements plan
- ✓ Featured projects & certificates
- ✓ Networking & outreach tips

Discoverable | Skills | Network

After course completion · live with a placement trainer

STEP 4 OF 6 · INDUSTRY-LED

Career-Led Workshop

A practical workshop on job search strategy, applications, interviews and how hiring works in your domain.

- ✓ Finding the right openings
- ✓ Applications that get replies
- ✓ Interview rounds explained
- ✓ Offer & joining essentials

Job Search | Live | Hiring Process

After course completion · live with a placement trainer

STEP 5 OF 6 · MENTOR-LED

Career-Led Mentorship

Personal guidance from an industry mentor on roles, growth paths and your next career moves.

- ✓ Role & domain fit discussion
- ✓ Personal career roadmap
- ✓ Skill gaps to close next
- ✓ Answers to your career questions

1:1 Mentor | Career Path | Growth

After course completion · live with a placement trainer

STEP 6 OF 6 · COMMUNICATION

Industrial Communication Training

Workplace communication that employers expect: emails, meetings, presentations and professional etiquette.

- ✓ Professional emails & messages
- ✓ Meetings & stand-up updates
- ✓ Presenting your work clearly
- ✓ Workplace etiquette & teamwork

Emails | Speaking | Workplace

After course completion · live with a placement trainer

Placement Training Completion Certificate

Complete all six sessions to receive a verifiable certificate listing every training you finished - share it with recruiters along with your course certificate.

08 · SMES

Meet Our SME Board Members

Expert professionals guiding your journey through real-world industry knowledge and practical experience.



SME BOARD MEMBER · SENIOR SME

Karteek Ch

Associate

Tata Consultancy Services · Subject Matter Expert

Technology professional, mentor, and engineer specializing in Oracle, AI, IoT, and emerging technologies.

Technology professional and TCS Engineer specializing in Oracle, Java, Python, AI, and IoT. An experienced Subject Matter Expert and Mentor at Intern Stump, passionate about practical learning, emerging technologies, and industry-ready student development.



SME BOARD MEMBER · SENIOR SME

Harshavardhan Kumar

Lead Consultant

Intern Stump Solutions · Subject Matter Expert

Computer Science professional specializing in AI, software development, education, and UI/UX consulting.

Harshavardhan Kumar Jajam is a technology professional, educator, and Lead UI/UX Consultant at Intern Stump Solutions, specializing in Artificial Intelligence, Python, Data Science, Full-Stack Development, cloud computing, and industry-oriented technical education.



SME BOARD MEMBER · SENIOR SME

Ruman Aktar

Founder

Rumandev.com · Subject Matter Expert

Guiding backend API integration, full-stack database architecture, and scalable Web application pipelines.

Technology professional specializing in backend API integration, full-stack database architecture, and scalable web application pipelines, with a focus on system performance, seamless data flow, application reliability, and efficient software development practices.

09 · TOOLS AND TECHNIQUES

Key Tools and Techniques

Master industry-standard methodologies used by top-tier professionals, gaining practical exposure to tools, frameworks, and strategies for results.

INDUSTRY STANDARD 01

Amazon Web Services

The leading cloud platform used to run compute, storage, database and networking workloads.

CORE SKILL 02

Linux and Bash

The command line and scripting skills that underpin almost every server and DevOps task.

MUST HAVE 03

Git and GitHub

Version control and collaboration workflows including branching, pull requests and code reviews.

HIGHLY DEMANDED 04

Docker

Package applications and dependencies into portable containers that run the same everywhere.

IN DEMAND 05

Kubernetes

Orchestrate, scale and manage containerised applications across clusters.

WIDELY USED 06

Jenkins

Automation server for building continuous integration and delivery pipelines.

IAC LEADER 07

Terraform

Define and provision cloud infrastructure through declarative, version-controlled code.

AUTOMATION 08

Ansible

Agentless configuration management for automating server setup and application deployment.

OBSERVABILITY 09

Prometheus and Grafana

Collect metrics and build dashboards and alerts to keep systems observable and reliable.

Many More Tools Integrated in Curriculum

10 · COURSE PROJECTS

Projects You Will Work On

Build a strong portfolio by working on industry-relevant projects that simulate real job scenarios, helping you gain confidence and career-ready skills.

INDUSTRY-LED PROJECT 01

Linux Server Setup and Hardening

Provision a Linux virtual machine and configure users, permissions, SSH keys and a firewall. Automate routine checks with shell scripts.

Duration: 6-10 hours

INDUSTRY-LED PROJECT 02

Static Website on AWS S3 and CloudFront

Host a static website on S3 with a CDN and a custom domain setup. Configure HTTPS and access policies.

Duration: 6-10 hours

INDUSTRY-LED PROJECT 03

Three-Tier Application on AWS

Deploy a web app using EC2, RDS and a load balancer inside a custom VPC. Configure security groups and auto scaling.

Duration: 6-10 hours

INDUSTRY-LED PROJECT 04

Dockerised Microservices App

Containerise a multi-service application with Dockerfiles and Docker Compose. Push images to a container registry.

Duration: 6-10 hours

INDUSTRY-LED PROJECT 05

Kubernetes Cluster Deployment

Deploy an application on Kubernetes with deployments, services and ingress. Practise rolling updates, rollbacks and scaling.

Duration: 6-10 hours

INDUSTRY-LED PROJECT 06

Jenkins CI/CD Pipeline

Build a pipeline that tests, builds and deploys code on every commit. Add approval stages and notifications.

Duration: 6-10 hours

INDUSTRY-LED PROJECT 07

GitHub Actions Deployment Workflow

Create automated workflows that build Docker images and deploy to AWS. Manage secrets and environments safely.

Duration: 6-10 hours

INDUSTRY-LED PROJECT 08

Infrastructure as Code with Terraform

Write Terraform modules to provision a VPC, compute and storage resources. Manage remote state and multiple environments.

Duration: 6-10 hours

INDUSTRY-LED PROJECT 09

Monitoring Dashboard with Prometheus and Grafana

Collect metrics from servers and containers and visualise them on Grafana dashboards. Configure alerts for key thresholds.

Duration: 6-10 hours

11 · CHOOSE YOUR PLAN

Plans & pricing

Every plan includes live classes with industry SMEs and a verified course completion certificate. Pick the depth of support you want - your plan also unlocks discounts across Intern Stump.

Starts	16 Nov 2026	**Enrolment closes**	15 Nov 2026
Duration	4 Months	**Timings**	7:00 PM – 8:00 PM IST
Batch	Nov 2026 Batch (16 Nov 2026 - 02 Mar 2027)	**Batch status**	Batch open · Starts on 16 Nov 2026 · Applications close 15 Nov 2026

Compare plans One-time fee · inclusive of GST	Plan 1 **Course Only** Live classes with your SME, SME AI and live doubt chat. **₹9,999** ~~₹20,000~~ · 50% OFF	MOST POPULAR Plan 2 **Course + Live Work Experience** Build real projects and earn a live work experience certificate. **₹17,799** ~~₹60,000~~ · 70% OFF	Plan 3 **Placement Assistance** Everything in Live Work Experience, plus placement training. **₹25,999** ~~₹50,000~~ · 48% OFF
Live classes & completion certificate	✓ Included	✓ Included	✓ Included
Live projects	✗ Not included	✓ Included	✓ Included
Live work experience certificate	✗ Not included	✓ Included	✓ Included
8C appraisal (rated by your SME)	✓ Included	✓ Included	✓ Included
SME AI (Insyrio)	✓ Included	✓ Included	✓ Included

Live chat with SME	✓ Included	✓ Included	✓ Included
Placement assistance	✗ Not included	✗ Not included	✓ Included
Plan perks	10% off across Intern Stump - coins, self-paced courses, masterclasses, mock interviews 15% off membership plans	15% off across Intern Stump - coins, self-paced courses, masterclasses, mock interviews 20% off membership plans	20% off across Intern Stump - coins, self-paced courses, masterclasses, mock interviews 25% off membership plans
Also included	• Live classes with industry SMEs • Course completion certificate • 8C appraisal rated by your SME	• Live classes with industry SMEs • Course completion certificate • Live projects reviewed by your SME	• Live classes with industry SMEs • Course completion certificate • Six live placement training sessions

Good to know

Completion certificate

Verifiable ID - a sample certificate can be previewed on the course page.

8C Appraisal System

How the eight Cs work - see the 8C Appraisal section of this brochure.

Part-pay with iSure Coins

Use your coin balance at checkout.

Need help choosing?

See the FAQs or book a free demo.

12 · 8C APPRAISAL

World's First Ed-Tech with 8C Appraisal

Verified 8C Appraisal Certificate: every candidate receives an official corporate readiness report shared directly with hiring partners upon course completion.

The 8C Appraisal is a proprietary evaluation matrix measuring holistic performance across 8 career pillars for authentic proof-of-work:

- Communication
- Configuration
- Chronicle
- Completeness
- Cognizance
- Conception
- Comprehension
- Case Study

13 · HELP & LEARNER ADVISORY CENTER

Frequently Asked Questions

Find answers to common questions about our learning tracks, placement assistance, and 8C evaluation model, or connect directly with an academic consultant.

Q1 Do I need prior coding experience to join Cloud Computing & DevOps?

No advanced coding is required. Basic computer skills are enough, and we teach Linux, scripting and automation from the ground up. Familiarity with any programming language will help you move faster.

Q2 What is the duration of the course?

The course runs for 4 Months with live mentor-led sessions, hands-on labs and project work. The schedule is designed so you can balance it with college or a job.

Q3 When does the next batch start and what are the timings?

The next batch is Nov 2026 Batch and starts on 16 Nov 2026. Sessions are held at 7:00 PM – 8:00 PM IST. Recordings are shared if you miss a class.

Q4 What is the course fee and is there a discount?

The course fee is ₹17,799, down from the actual fee of ₹60,000, which gives you a saving of 70%. Please check the enrolment page for the latest offers.

Q5 Will I get hands-on practice on real cloud infrastructure?

Yes. Every module includes live labs on AWS and related tools, and you complete nine projects. We guide you on staying within free-tier limits to avoid unexpected costs.

Q6 Which certifications will this course help me prepare for?

The curriculum aligns with topics in AWS Cloud Practitioner, AWS Solutions Architect Associate, Kubernetes CKA and Terraform Associate. Exam fees are separate and not included in the course.

Q7 What career roles can I apply for after this course?

You can apply for roles such as DevOps Engineer, Cloud Engineer, Site Reliability Engineer trainee, Build and Release Engineer and Cloud Support Engineer. We also help with resume building and mock interviews.

Q8 Will I receive a certificate on completion?

Yes. After completing the required sessions and projects in Cloud Computing & DevOps, you receive an Intern Stump certificate of completion that you can add to your resume and LinkedIn profile.

Ready to take the next step?

Cloud Computing & DevOps · Live Course

Scan to view details & enrol

internstump.com/courses/cloud-computing-devops

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