MASTER INFRASTRUCTURE AS CODE (IAC) With Placement

Build In-Demand Professional Expertise with Real-Time Hands-on SAP Training

BEST RATED ON TOP PLATFORMS

Google Reviews · Trustpilot · Sulekha

COURSE BENEFITS

- 100% Practical & Real-Time Hands-on Labs
- End-to-End Capstone Implementation Projects
- Industry Recognized Certification Preparation
- 100% Dedicated Placement Support in MNC's & Mock Interviews

15+	500+	25K	15K
YEARS OF EXCELLENCE	HIRING PARTNERS	STUDENTS TRAINED	STUDENTS PLACED

Chat on WhatsApp
FREE Career Counselling
+91 85500 00909

YOUR FUTURE
STARTS HERE !

ARE YOU FACING THESE CHALLENGES ?

- Still searching for your first job after graduation?
- Worried about the Gap? And don't know how to start your career?
- Stuck in a low-salary job? and seeking for better growth opportunities?
- Fear of switching to an IT career from a non-IT background
- Not getting interview calls despite applying to 100+ jobs?

How Inventateq Helps You

Waiting Ends. Careers Begin.
Build job-ready skills. Start applying with confidence.

Turns Gaps into Comebacks
Close skill gaps. Rebuild your career.

Break Free. Move Forward
Learn in-demand skills. Take your next career step.

Doubt Out. Confidence In.
Practice real skills. Walk into interviews prepared.

Turn Rejections into Chances
Turn every setback into skills employers value.

Be Smart Learn AI
Learn AI tools. Work smarter. Stay updated

ABOUT INVENTATEQ

Inventateq is a leading IT training and placement company committed to transforming learners into Industry ready professionals

Our Mission
To deliver high-quality education, practical skills and career opportunities that empower individuals to achieve their dreams

Our Vision
To be a globally recognised training company known for innovation, quality and impactful learner outcomes.

Why Thousands Choose Inventateq?

15+	500+	25,000+	15,000+
Years of Excellence	Hiring Partners	Students Trained	Students Placed

We Collaborate With

Deloitte. · Capgemini · amazon · HCL · Tech Mahindra

WHY LEARN INFRASTRUCTURE AS CODE ?

Leading enterprises have transitioned to code-first infrastructure to achieve repeatable, automated cloud deployments across AWS, Azure, and Google Cloud with zero configuration drift.

CAREER SCOPE OF INFRASTRUCTURE AS CODE

- **Universal Cloud Standard**
  IaC is the foundation of modern DevOps, cloud computing, and automated software delivery.
- **High-Value Cloud Compensation**
  Master multi-cloud provisioning and command premium packages as a certified cloud automation specialist.
- **Multi-Cloud Versatility**
  Write declarative and programmatic code spanning AWS, Microsoft Azure, Google Cloud, and on-premises clusters.
- **Eliminate Manual Drift**
  Replace error-prone manual web console clicks with auditable, version-controlled code repositories.
- **Master Next-Gen Tooling**
  Hands-on mastery of Terraform, Pulumi, Azure Bicep, AWS CloudFormation, Pulumi, and GitOps with Argo CD.
- **Global Remote & Enterprise Demand**
  Qualify for in-demand Cloud Architect, DevOps Engineer, and IaC Specialist roles worldwide.

INDUSTRY-RECOGNIZED CERTIFICATION

CERTIFICATE
OF ACHIEVEMENT

QR Verified · Globally Valid · ISO 9001:2015

High Enterprise Demand. Global MNC Consulting. Premium Packages.

Average Infrastructure as Code Engineer Salary in India

₹8.0 LPA – ₹24 LPA

WHY INVENTATEQ ?

Because we have placed over 15,000+ students and we can place you as well

STUDENT PLACEMENTS

- 100% Placement Assurance Support
- 500+ Top Tech Hiring Partners
- Resume & LinkedIn Optimization
- Industry Mock Technical Interviews
- Unlimited Interview Calls Until Placed

COURSE & PLACEMENT VIDEOS

Student Genuine Feedback
Inventateq Reviews & Student Genuine Feed...
Inventateq Bangalore Reviews
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Practical Training Success
Key Moments at Inventateq | SAP Session & ...
Industry Tech Career
Watch Video

Placement Story
Inventateq HR Student Mrs. Muskan Soni | Proj...
Campus to MNC Offer
Watch Video

Interview Skills & Growth
Free Interview Skills Development Classes for ...
Free Student Masterclass
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> At Inventateq, Your Success is Our Mission !

GUARANTEED PLACEMENT SUPPORT

We don't just teach, we prepare you for the real world!

- Aptitude Training
- Technical Training
- Mock Interviews
- HR Interview Preparation
- Resume Preparation
- Cover Letter Preparation
- LinkedIn Profile Optimisation
- Job Portal Access
- Placement Drives & Hiring Events

OUR RECRUITMENT PARTNERS

TATA · Infosys · wipro · Capgemini · Tech Mahindra · LARSEN & TOUBRO · HCL TECH · accenture

OUR PLACEMENT STATS

Our placement record reflects consistent growth, with students securing opportunities across leading companies in diverse industries.

15,000+	500+	95%	6 LPA
Students Placed	Companies Hired	Placement Ratio	Average Package

Check Most Recent Placements

CAREER PROGRESSION

Job responsibilities, technical competency and portfolio evidence for each role.

ROLE PATHWAY	TYPICAL RESPONSIBILITIES	PORTFOLIO PROOF
Junior Cloud Automation Engineer	Write basic Terraform configurations, manage cloud state files, and support automated environment provisioning.	Working Terraform modules, state locking configs, and resource creation scripts.
Infrastructure as Code Specialist	Build reusable multi-cloud modules, write Bicep/CloudFormation templates, and automate CI/CD pipelines.	Production multi-tier cloud modules, drift detection workflows, and automated release pipelines.
Senior Cloud Architect & GitOps Lead	Design multi-cloud IaC governance, enforce policy-as-code, and architect enterprise GitOps delivery.	Enterprise multi-cloud architecture blueprints, Argo CD sync policies, and security guardrails.

SKILLS ROADMAP

Progress from core foundations to production-ready enterprise workflows.

MILESTONE	PRACTICAL OUTPUT	REVIEW EVIDENCE
Milestone 1 (Terraform Multi-Cloud Automation)	Master Terraform HCL, providers, modules, remote state locking, and workspace management.	Working AWS and Azure infrastructure provisioned with modular Terraform code.
Milestone 2 (Azure Bicep Templates)	Build modular Azure blueprints for virtual networks, app services, and SQL databases.	Validated multi-tier Azure environment deployed via Bicep and Azure DevOps.
Milestone 3 (AWS CloudFormation & Drift Control)	Write production CloudFormation stacks with parameterization and automated rollback controls.	Production AWS CloudFormation templates with automated drift detection.
Milestone 4 (Pulumi & GitOps with Argo CD)	Program infrastructure in Python/TypeScript and automate Kubernetes deployments using GitOps.	Live Argo CD GitOps synchronization engine managing Kubernetes clusters.

DETAILED MODULE PLAN

5 in-depth modules • 3 Months Duration • Hands-on practical training

1 Module 1: Terraform Multi-Cloud Automation

- Understand Infrastructure as Code (IaC) concepts
- Provision and manage cloud infrastructure using code
- Deploy Azure and AWS resources automatically
- Create reusable Terraform modules
- Manage Terraform state securely
- Implement Dev, Test, and Production environments
- Integrate Terraform with Azure DevOps and GitHub Actions
- Automate cloud deployments using GitHub Copilot, Microsoft Copilot, and Cursor
- Apply security, governance, and enterprise best practices
- Build scalable, repeatable, and production-ready infrastructure deployments

GUIDED LAB
Write modular Terraform code to provision a secure VPC, cloud servers, and databases with remote state locking.

INTERVIEW & ASSESSMENT
Explain how Terraform manages state files safely across a team to prevent concurrent overwrites.

2 Module 2: Azure Cloud Automation with Bicep

- Understand Azure Infrastructure as Code (IaC) concepts
- Create and manage Azure resources using Bicep templates
- Deploy Virtual Machines, Networks, Storage, Databases, and Applications
- Build reusable and modular infrastructure components
- Manage multiple environments (Dev, Test, Production)
- Implement secure and scalable Azure deployments
- Automate deployments using Azure DevOps and GitHub Actions
- Generate and optimize Bicep code using GitHub Copilot, Microsoft Copilot, and Cursor

GUIDED LAB
Deploy a complete multi-tier Azure web application and SQL database using clean, modular Bicep templates.

INTERVIEW & ASSESSMENT
Compare Azure Bicep with Terraform and explain when an enterprise should prefer Bicep.

3 Module 3: AWS Cloud Automation with CloudFormation

- Understand AWS Infrastructure as Code (IaC) concepts
- Create and manage AWS resources using CloudFormation templates
- Deploy EC2, VPC, S3, RDS, IAM, and other AWS services
- Build reusable and scalable infrastructure templates
- Manage Dev, Test, and Production environments
- Perform automated infrastructure deployments and updates

GUIDED LAB
Build a CloudFormation template to deploy an auto-scaling web cluster with load balancers and automated rollback.

INTERVIEW & ASSESSMENT
Explain how CloudFormation handles stack drift detection and automated failure rollbacks.

4 Module 4: Modern Infrastructure Programming with Pulumi

- Introduction to Pulumi
- Infrastructure as Code (IaC) Fundamentals
- Pulumi Architecture and Workflow
- Pulumi Installation and Setup
- Pulumi Stacks and Projects
- Azure Infrastructure Deployment using Pulumi
- AWS Infrastructure Deployment using Pulumi
- Resources and Providers
- Configuration and Secrets Management
- Reusable Components and Modules

GUIDED LAB
Provision cloud servers and managed databases using real programming code with Pulumi in Python or TypeScript.

INTERVIEW & ASSESSMENT
Explain the advantages of writing infrastructure using standard programming languages over declarative YAML.

5 Module 5: GitOps Workflows & Kubernetes Automation

- Understand GitOps principles and architecture
- Use Git as the single source of truth for infrastructure and application deployments
- Automate deployments using Git-driven workflows
- Manage Kubernetes environments with Argo CD and Flux CD
- Implement Infrastructure as Code practices
- Securely manage configurations, secrets, and policies
- Monitor and govern deployments across environments
- Support multi-cluster and multi-cloud operations
- Use AI tools such as GitHub Copilot and Cursor to accelerate GitOps implementation

GUIDED LAB
Set up Argo CD in a Kubernetes cluster to automatically synchronize infrastructure changes from a Git repository.

INTERVIEW & ASSESSMENT
Explain how GitOps ensures that live cluster state always matches the desired configuration in Git.

REAL-WORLD PORTFOLIO PROJECTS

Practical industry scenarios, tools applied, and demonstrable project outcomes.

Project 1: Multi-Cloud Enterprise Network with Terraform Modules

What it is: Write modular infrastructure code to build identical secure networks across both AWS and Azure.
What you do: Author reusable Terraform modules, configure remote S3 state backends, and test cross-cloud connectivity.
Tools used: Terraform, AWS, Azure, GitHub Actions
Project outcome: Automated multi-cloud network provisioning engine ready to deploy with a single command.

Project 2: Production Azure Application Stack in Modular Bicep

What it is: Automate the deployment of web servers, load balancers, and SQL databases using clean Azure Bicep templates.
What you do: Write parameterized Bicep blueprints, implement Azure Key Vault secret references, and run validation tests.
Tools used: Azure Bicep, Azure DevOps, Azure CLI, Key Vault
Project outcome: Enterprise Azure infrastructure template passing 100% of security and compliance audits.

Project 3: Auto-Scaling AWS Cluster with CloudFormation Drift Control

What it is: Build an automated cloud template that detects configuration changes and automatically rolls back failures.
What you do: Define EC2 auto-scaling groups, configure application load balancers, and test drift alerts.
Tools used: AWS CloudFormation, EC2, VPC, CloudWatch
Project outcome: Resilient AWS architecture automatically adapting to traffic spikes and reverting unauthorized manual changes.

Project 4: Zero-Touch GitOps Cloud Sync with Argo CD

What it is: Connect live Kubernetes clusters to a Git repository so every code commit automatically updates cloud servers.
What you do: Deploy Argo CD controllers, configure automated sync webhooks, and test blue-green canary rollouts.
Tools used: Argo CD, Kubernetes, Helm, Git, GitHub
Project outcome: End-to-end continuous GitOps delivery pipeline eliminating manual production deployments.

ASSESSMENT FRAMEWORK

Module tests, practical evaluations, capstone and completion criteria.

COMPONENT	ASSESSMENT FOCUS	PASS EVIDENCE
Module Knowledge Quizzes	Core Infrastructure as Code principles, HCL syntax, and multi-cloud provisioning models	Consistent passing score across syllabus unit evaluation tests
Lab Submissions & Practice Reviews	Hands-on Terraform module development, Bicep templates, and CloudFormation stacks	Working lab deliverables satisfying practical evaluation rubrics
Hands-On Mini Projects	Pulumi program compilation and Argo CD automated synchronization controllers	Functional project artifacts addressing realistic domain scenarios
Final Production Capstone	Complete multi-cloud automated infrastructure deployment with GitOps pipelines	Complete capstone submission with technical walkthrough review
Technical Mock Viva	Defending state file management, drift resolution strategies, and secret security	Successfully defending project decisions in structured mock panels

RESUME, GITHUB & LINKEDIN

Evidence-based resume writing and professional project presentation.

- Documented Infrastructure as Code (IaC) portfolio with blueprints, configuration sheets, and automated workflows.
- Detailed architectural diagrams, component specifications, and end-to-end cloud pipeline designs.
- Visual project sheets, live demonstration walkthroughs, and verified functional outputs on GitHub.
- Production code repositories with clean README guides, environment setup steps, and test notes.
- Direct resume bullet points highlighting hands-on Infrastructure as Code (IaC) tools and verified outcomes.
- Structured practice for technical interview pitches, architecture walkthroughs, and viva defense.

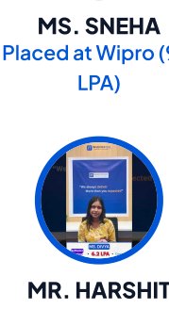
OUR STUDENT

Meet the learners who turned their goals into successful careers through dedication, skill, and continuous growth.

READ REVIEWS

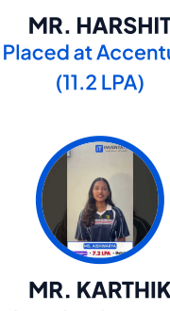
MS. SNEHA
Placed at Wipro (9.5 LPA)

"The practical lab sessions gave me the confidence to transition into enterprise roles. Working on real-world datasets helped me clear technical interviews effortlessly!"
Course Completed : SAP Specialist
G ★★★★★



MR. HARSHIT
Placed at Accenture (11.2 LPA)

"Inventateq's focus on industry capstone projects and mock interviews was game-changing. The mentors guided me through every real-world implementation hurdle."
Course Completed : SAP Specialist
G ★★★★★

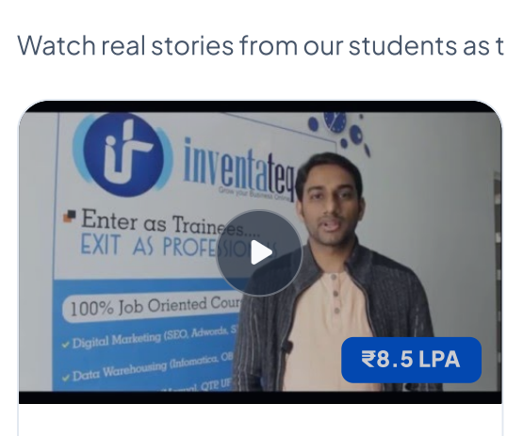


MR. KARTHIK
Placed at Capgemini (10.5 LPA)

"Moving from beginner theory to hands-on enterprise tools was seamless. The portfolio defense preparation helped me crack my MNC placement round!"
Course Completed : SAP Specialist
G ★★★★★

WATCH VIDEOS

Watch real stories from our students as they talk about their journey, growth, and placement success.



Inventateq Reviews & Student Genuine Feedback Bangalore
Course Video 1 • Student Feedback
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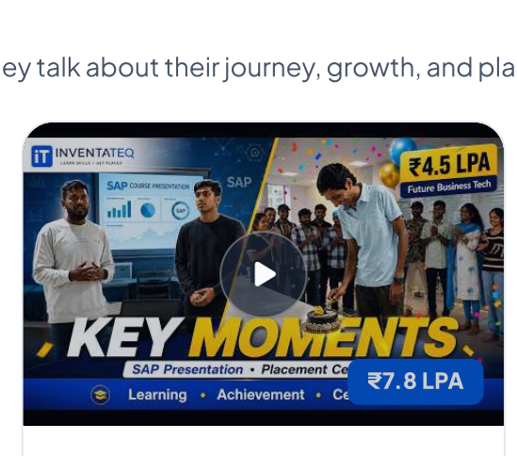
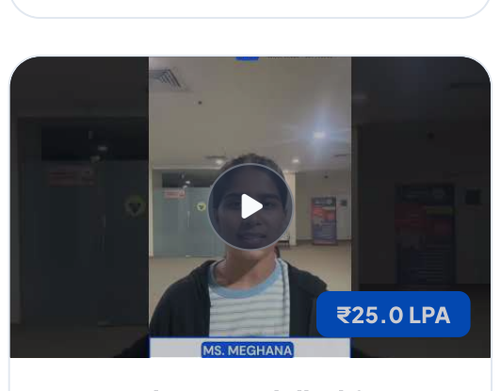


Key Moments at Inventateq | SAP Session & Placement Celebration
Course Video 2 • Student Feedback
Watch Story

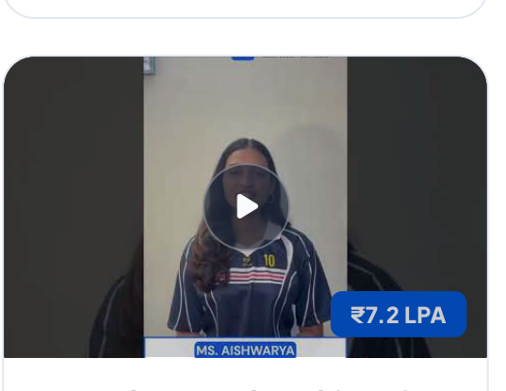
Inventateq's HR Student
₹9.2 LPA

Inventateq HR Student Mrs. Muskan Soni | Project Presentation
Course Video 3 • Student Feedback
Watch Story

Free Interview Skills Development Classes for Freshers & College Students
Course Video 4 • Student Feedback
Watch Story



Ms. Meghana Upskilled & Placed at 25 LPA
Top Offer • Enterprise Consultant
Watch Story



Ms. Aishwarya Placed for 7.2 LPA Package
Verified Offer • Software Dev
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