INVENTATEQ
LEARN SKILLS • GET PLACED

# MASTER OPENSHIFT
# COURSE With Placement

Build In-Demand Professional Expertise with Real-Time Hands-on Openshift 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 !**

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## 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?

TOO MUCH THEORY
NO PROJECTS
SKILL GAP
NO GUIDANCE

### 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

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## 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

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## WHY LEARN OPENSHIFT ?

Enterprises worldwide are actively hiring certified Openshift professionals to drive critical business operations, digital transformation, and modernization.

**CAREER SCOPE OF OPENSHIFT**

- **Exponential Industry Demand** — Rapid enterprise adoption across global IT firms, MNCs, and technology centers
- **Premium Salary Compensation** — Command competitive compensation packages with rapid growth milestones
- **Cross-Industry Opportunities** — Versatile skill set applicable across technology, consulting, finance, and core sectors
- **Future-Proof Career Growth** — Long-term job security supported by ongoing digital modernization and tooling investment
- **Global Certification Pathways** — Direct alignment with recognized industry certifications to validate your competence
- **Worldwide Job Prospects** — Open doors to roles in major Indian tech hubs as well as international remote positions

INDUSTRY-RECOGNIZED CERTIFICATION

INVENTATEQ
CERTIFICATE
OF ACHIEVEMENT
This Certificate is proudly present to
has successfully completed the Python Course and demonstrated outstanding performance, achieving an A Grade.
SIGNATURE

QR Verified · Globally Valid · ISO 9001:2015

Direct Business Impact. Fast-Growing Industry Demand. High Career Mobility.

Average Openshift Engineer Salary in India
**₹5.5 LPA – ₹18 LPA**

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## WHY INVENTATEQ ?

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

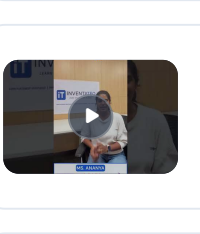
**STUDENT PLACEMENTS**

- 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
Watch Video

**Practical Training Success**
Inventateq Reviews & Student Genuine Feed...
Industry Tech Career
Watch Video


**Placement Story**
Ananya's Placement Success Story | AI Course ...
Campus to MNC Offer
Watch Video

**Interview Skills & Growth**
Free Interview Skills Development Classes for...
Free Student Masterclass
Watch Video

> At Inventateq, Your Success is Our Mission !

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## 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

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## CAREER PROGRESSION

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

| ROLE PATHWAY | TYPICAL RESPONSIBILITIES | PORTFOLIO PROOF |
|---|---|---|
| Openshift Associate | Manage core OpenShift components, configure tooling, and support delivery. | Practical OpenShift setup files, exercise scripts, and documentation. |
| Openshift Specialist | Build practical Installation workflows, implement features, and resolve issues. | Functional Installation modules, workflow configs, and practical deliverables. |
| Senior Openshift Lead | Lead OpenShift technical delivery, design solutions, and set standards. | Complete Openshift capstone artifacts, technical blueprints, and reports. |

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## SKILLS ROADMAP

Progress from core foundations to production-ready enterprise workflows.

| MILESTONE | PRACTICAL OUTPUT | REVIEW EVIDENCE |
|---|---|---|
| Milestone 1 (Foundations) | Master fundamental OpenShift concepts, environment setup, and tools. | Configured OpenShift workspace and verified practice exercises. |
| Milestone 2 (Implementation) | Develop practical Installation workflows and functional domain modules. | Working Installation project modules and validated practice outputs. |
| Milestone 3 (Advanced Workflows) | Implement advanced Networking features, integrations, and optimizations. | Validated Networking configurations and technical review outputs. |
| Milestone 4 (Production Capstone) | Deliver an end-to-end Openshift capstone project and technical review. | Complete Openshift project portfolio artifact and defense. |

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## DETAILED MODULE PLAN

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

### 1 Module 1: Introduction to OpenShift

- Overview of Containers & Kubernetes
- What is OpenShift?
- OpenShift Architecture
- Kubernetes vs OpenShift
- OpenShift Use Cases

**GUIDED LAB**
Log in to the system, practice basic navigation, and complete your first Containers exercise.

**INTERVIEW & ASSESSMENT**
Explain what Containers is used for and why companies choose it in simple words.

### 2 Module 2: OpenShift Architecture

- Master and Worker Nodes
- Control Plane Components
- etcd, API Server, Scheduler
- Projects and Namespaces
- OpenShift Web Console Overview

**GUIDED LAB**
Connect your web app to a live API fetch, display, and save customer information.

**INTERVIEW & ASSESSMENT**
Explain how a web browser asks a server for data using simple analogies.

### 3 Module 3: Installation & Setup

- OpenShift Installation Methods (OKD / OCP)
- Cluster Setup Basics
- CLI Tools (oc command)
- Accessing the Cluster
- Basic Configuration

**GUIDED LAB**
Complete a guided practical exercise on OpenShift Installation Methods and verify your results.

**INTERVIEW & ASSESSMENT**
Explain the core purpose of OpenShift Installation Methods and how you use it in real job roles.

### 4 Module 4: Containers & Images

- Docker & Container Basics
- Image Streams
- Image Registries
- Building Container Images
- Image Policies

**GUIDED LAB**
Complete a guided practical exercise on Docker and verify your results.

**INTERVIEW & ASSESSMENT**
Explain the core purpose of Docker and how you use it in real job roles.

### 5 Module 5: Deploying Applications

- Deployments and DeploymentConfigs
- Pods and ReplicaSets
- Services and Routes
- Application Scaling
- Rolling Updates

**GUIDED LAB**
Complete a guided practical exercise on Deployments and DeploymentConfigs and verify your results.

**INTERVIEW & ASSESSMENT**
Explain the core purpose of Deployments and DeploymentConfigs and how you use it in real job roles.

### 6 Module 6: Networking in OpenShift

- Cluster Networking Overview
- Services and Routes
- Ingress Concepts
- Load Balancing
- DNS in OpenShift

**GUIDED LAB**
Complete a guided practical exercise on Cluster Networking Overview and verify your results.

**INTERVIEW & ASSESSMENT**
Explain the core purpose of Cluster Networking Overview and how you use it in real job roles.

### 7 Module 7: Storage Management

- Persistent Volumes (PV)
- Persistent Volume Claims (PVC)
- Storage Classes
- Dynamic Provisioning
- Data Persistence

**GUIDED LAB**
Complete a guided practical exercise on Persistent Volumes (PV) and verify your results.

**INTERVIEW & ASSESSMENT**
Explain the core purpose of Persistent Volumes (PV) and how you use it in real job roles.

### 8 Module 8: Security & Authentication

- Role-Based Access Control (RBAC)
- Users and Groups
- OAuth Authentication
- Security Context Constraints (SCC)
- Secrets & ConfigMaps

**GUIDED LAB**
Complete a guided practical exercise on Role-Based Access Control (RBAC) and verify your results.

**INTERVIEW & ASSESSMENT**
Explain the core purpose of Role-Based Access Control (RBAC) and how you use it in real job roles.

### 9 Module 9: CI/CD with OpenShift

- OpenShift Pipelines (Tekton)
- Jenkins Integration
- BuildConfigs
- Automated Deployments
- DevOps Workflows

**GUIDED LAB**
Complete a guided practical exercise on OpenShift Pipelines (Tekton) and verify your results.

**INTERVIEW & ASSESSMENT**
Explain the core purpose of OpenShift Pipelines (Tekton) and how you use it in real job roles.

### 10 Module 10: Monitoring & Troubleshooting

- Logging and Monitoring Tools
- Cluster Health Checks
- Debugging Pods
- Resource Quotas
- Performance Optimization

**GUIDED LAB**
Complete a guided practical exercise on Logging and Monitoring Tools and verify your results.

**INTERVIEW & ASSESSMENT**
Explain the core purpose of Logging and Monitoring Tools and how you use it in real job roles.

### 11 Module 11: Real-Time Projects

- Microservices Deployment Project
- CI/CD Pipeline Implementation
- Scalable Web Application Deployment
- Containerized Application Migration
- Resume Building & Interview Preparation
- Tools Covered
- Red Hat OpenShift
- Kubernetes (OKD/OCP)

**GUIDED LAB**
Complete an end-to-end practical project bringing together everything you built in this course.

**INTERVIEW & ASSESSMENT**
Present your completed project and explain your key design decisions with confidence.

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## REAL-WORLD PORTFOLIO PROJECTS

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

### Project 1: Microservices Deployment Project

**What it is:** Set up the core OpenShift environment and configure essential business settings.

**What you do:** Initialize base configurations, create clean templates, and verify workflow controls.

**Tools used:** Openshift, Containers Kubernetes

**Project outcome:** Working project foundation configured and tested according to best practices.

### Project 2: CI/CD Pipeline Implementation

**What it is:** Build practical OpenShift Architecture modules to handle everyday business operations.

**What you do:** Create core functional components, validate input data, and prevent common errors.

**Tools used:** Openshift, OpenShift Architecture, Master Worker Nodes

**Project outcome:** Functional business module ready to run and demo with zero manual errors.

### Project 3: Scalable Web Application Deployment

**What it is:** Connect Containers Images with Docker Container to automate data and team workflows.

**What you do:** Set up automated pipelines, link required services, and run end-to-end tests.

**Tools used:** Openshift, Containers Images, Docker Container

**Project outcome:** Live automated workflow pipeline documented with clear usage guides.

### Project 4: Containerized Application Migration

**What it is:** Optimize Networking OpenShift workflows for security, speed, and reliability.

**What you do:** Audit performance bottlenecks, apply security rules, and optimize execution speed.

**Tools used:** Openshift, Networking OpenShift, Cluster Networking

**Project outcome:** Production-grade technical deliverable ready to add to your personal portfolio.

### Project 5: Red Hat OpenShift

**What it is:** Implement advanced Security Authentication features matching real industry requirements.

**What you do:** Configure custom settings, automate repetitive tasks, and test business logic.

**Tools used:** Openshift, Security Authentication, Role Based Access

**Project outcome:** Production-grade technical deliverable ready to add to your personal portfolio.

### Project 6: Openshift End-to-End Capstone

**What it is:** Build a complete, production-ready Openshift project bringing all skills together.

**What you do:** Design, code, test, and document a full project workflow from scratch to launch.

**Tools used:** Openshift, Monitoring Troubleshooting, Logging Monitoring Tools

**Project outcome:** Verified capstone project ready to showcase on your resume and interview calls.

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## ASSESSMENT FRAMEWORK

Module tests, practical evaluations, capstone and completion criteria.

| COMPONENT | ASSESSMENT FOCUS | PASS EVIDENCE |
|---|---|---|
| Module Knowledge Quizzes | Core OpenShift principles, industry terminology, and workflow concepts | Consistent passing score across syllabus unit evaluation tests |
| Lab Submissions & Practice Reviews | Hands-on Installation implementation, configuration, and practical exercises | Working lab deliverables satisfying practical evaluation rubrics |
| Hands-On Mini Projects | Independent problem-solving using intermediate Networking techniques | Functional project artifacts addressing realistic domain scenarios |
| Final Production Capstone | End-to-end Openshift implementation, quality review, and delivery | Complete capstone submission with technical walkthrough review |
| Technical Mock Viva | Technical reasoning, troubleshooting approaches, and communication | Successfully defending project decisions in structured mock panels |

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## RESUME, GITHUB & LINKEDIN

Evidence-based resume writing and professional project presentation.

- Modular GitHub repository per project with setup steps, dependencies, and clean commits.
- Visual project sheets, live demonstration walkthroughs, and verified functional outputs.
- Direct resume bullet points highlighting hands-on Openshift tools and technical outcomes.
- Detailed OpenShift diagrams, component specifications, and end-to-end workflows.
- Project documentation covering Installation setup, configuration steps, and test notes.
- Structured practice for technical interview pitches, walkthroughs, and viva defense.

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## OUR STUDENT

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

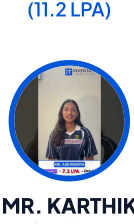
### READ REVIEWS

**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 : **Openshift Specialist** G★★★★★

**MR. HARSHIT**
Placed at Accenture (11.2 LPA)

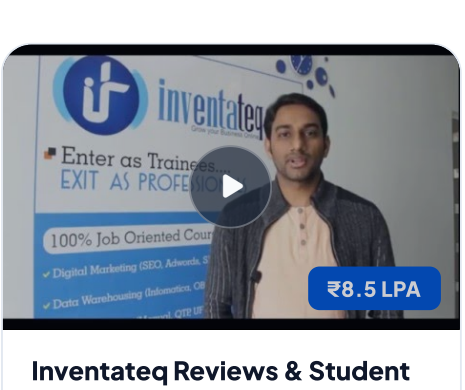
*"Inventateq's focus on industry capstone projects and mock interviews was game-changing. The mentors guided me through every real-world implementation hurdle."*
Course Completed : **Openshift Specialist** G★★★★★


**MR. KARTHIK**
Placed at Capgemini (10.5 LPA)

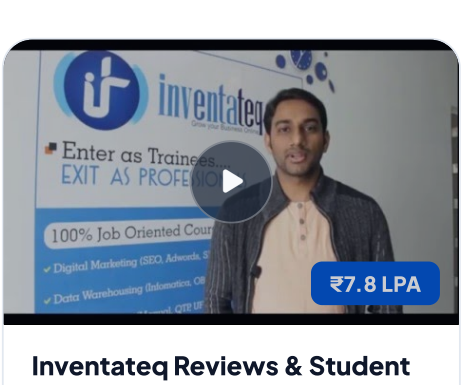
*"Moving from beginner theory to hands-on enterprise tools was seamless. The portfolio defense preparation helped me crack my MNC placement round!"*
Course Completed : **Openshift Specialist** G★★★★★

### WATCH VIDEOS

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



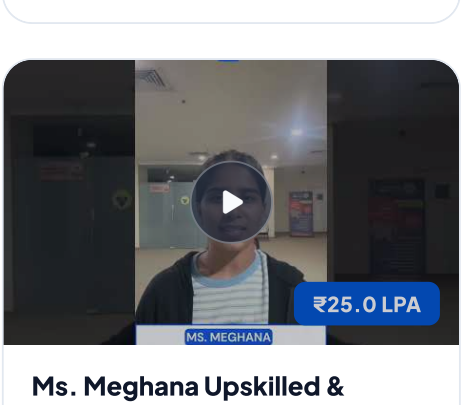
**Inventateq Reviews & Student Genuine Feedback Bangalore**
Course Video 1 • Student Feedback
Watch Story



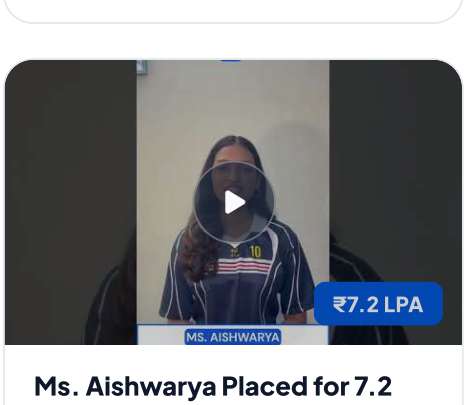
**Inventateq Reviews & Student Genuine Feedback Bangalore**
Course Video 2 • Student Feedback
Watch Story

₹9.2 LPA
MS. ANANYA
**Ananya's Placement Success Story | AI Course | 6.5 LPA at Accenture| Inventateq**
Course Video 3 • Student Feedback
Watch Story

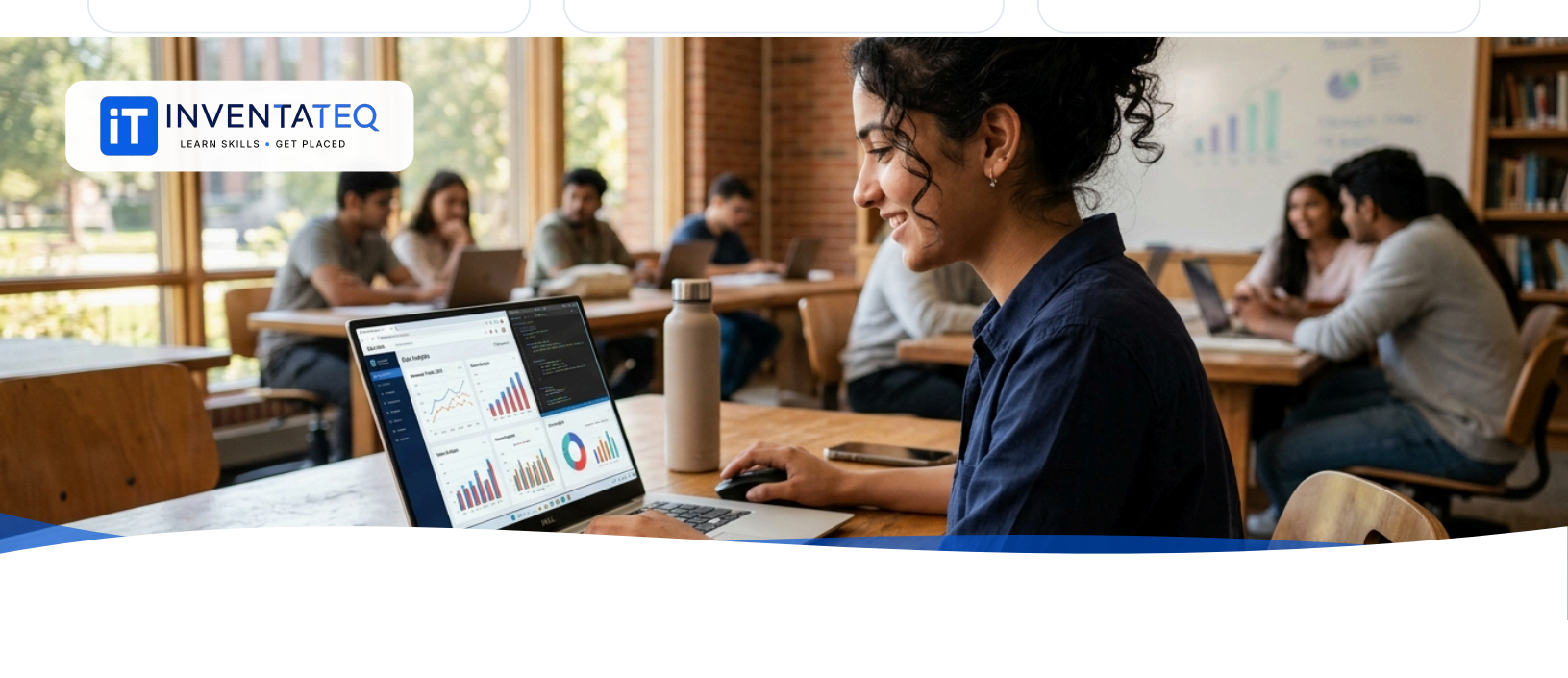
Classes @ INVENTATEQ.COM
₹6.8 LPA
**Free Interview Skills Development Classes for Freshers & College Students**
Course Video 4 • Student Feedback
Watch Story



**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
Watch Story



## CONTACT US

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