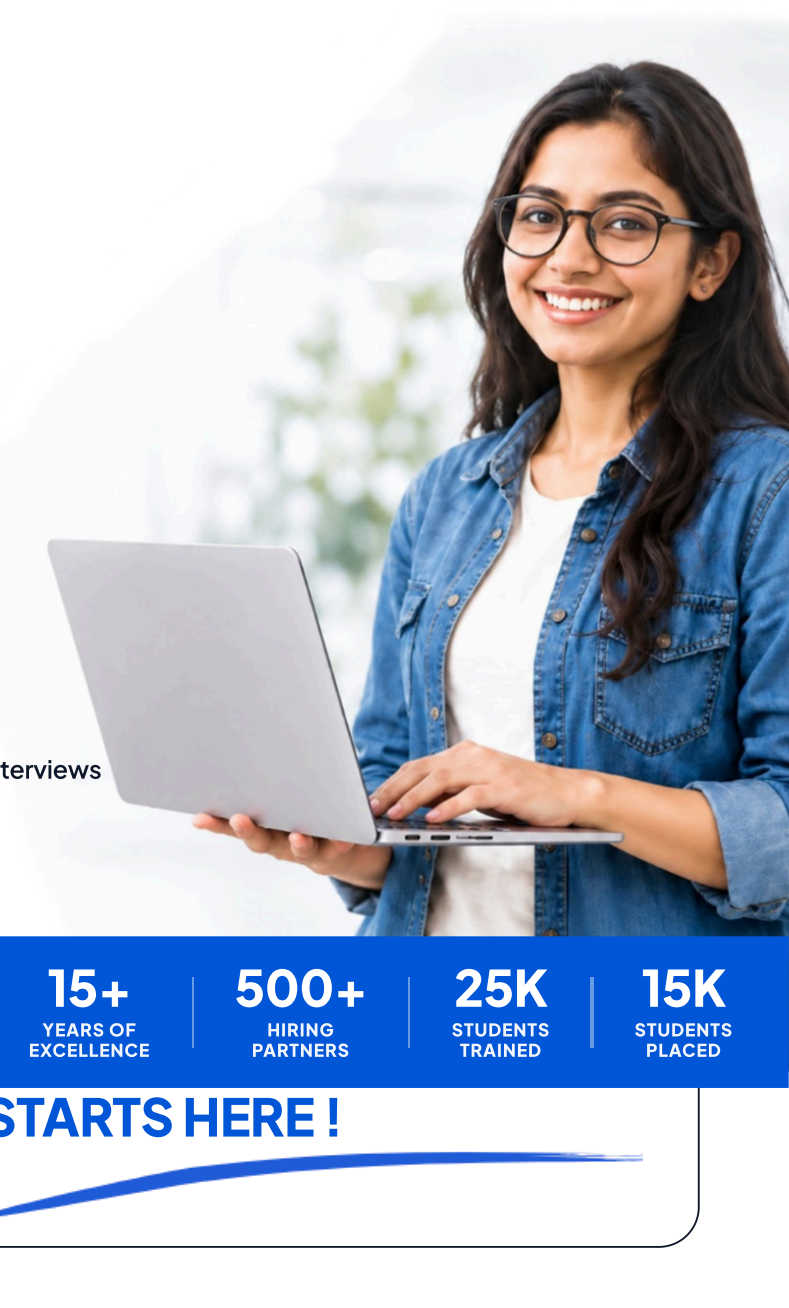
INVENTATEQ
LEARN SKILLS • GET PLACED

# MASTER LINUX
# COURSE With Placement



Build In-Demand Professional Expertise with Real-Time Hands-on Linux 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

**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?

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

## 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 slots 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 LINUX ?

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

**CAREER SCOPE OF LINUX**

- **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
Gaurang Ahinave
has successfully completed the Python Course and demonstrated outstanding performance, achieving an A Grade.
This certificate recognizes the successful completion of the program requirements during the period from August 01, 2026 - August 18, 2026
SIGNATURE

QR Verified • Globally Valid • ISO 9001:2015

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

Average Linux Engineer Salary in India

**₹5.5 LPA – ₹18 LPA**

## WHY INVENTATEQ ?

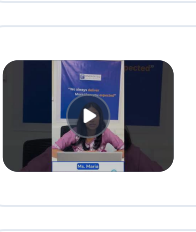
Because we have placed over 15,000+ students and we can place you as well

**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
Watch Video



**Practical Training Success**
Inventateq HR Practical Training Student Succ...
Industry Tech Career
Watch Video

**Placement Story**
AWS Course in Bangalore, Best AWS Training &a...
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 !

## 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 |
|---|---|---|
| Linux Engineer | Manage core Linux tasks, configure tooling, and support delivery. | Practical Linux setup files, exercise scripts, and documentation. |
| Linux Specialist | Build practical File System workflows, implement features, and resolve issues. | Functional File System modules, workflow configs, and practical deliverables. |
| Cloud Linux Architect | Lead Linux technical delivery, design solutions, and set standards. | Complete Linux capstone artifacts, technical blueprints, and reports. |

## SKILLS ROADMAP

Progress from core foundations to production-ready enterprise workflows.

| MILESTONE | PRACTICAL OUTPUT | REVIEW EVIDENCE |
|---|---|---|
| Milestone 1 (Foundations) | Master fundamental Linux core concepts, environment setup, and tools. | Configured Linux workspace and verified practice exercises. |
| Milestone 2 (Implementation) | Develop practical File System workflows and functional domain modules. | Working File System 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 Linux capstone project and technical review. | Complete Linux project portfolio artifact and defense. |

## DETAILED MODULE PLAN

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

### 1 Module 1: Introduction to Linux

- What is Linux?
- Linux vs Windows vs UNIX
- Linux Distributions Overview
- Open Source Concepts
- Linux Architecture Basics

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

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

### 2 Module 2: Linux Installation & Setup

- Installing Linux (Ubuntu / CentOS / RHEL)
- Dual Boot Setup (Overview)
- Virtual Machine Setup
- Basic Configuration
- User Interface vs CLI

**GUIDED LAB**
Launch a virtual cloud server, connect to it securely, and host a simple web page.

**INTERVIEW & ASSESSMENT**
Explain the benefits of renting cloud servers instead of buying physical computers.

### 3 Module 3: Linux Command Line Basics

- Terminal Basics
- File and Directory Commands
- File Permissions
- Text Editing (vi / nano)
- Basic Command Usage

**GUIDED LAB**
Create user accounts with restricted permissions and test secure role switching.

**INTERVIEW & ASSESSMENT**
Explain why giving minimum required permissions protects cloud environments.

### 4 Module 4: File System Management

- Linux File System Structure
- Mounting and Unmounting
- Disk Management Basics
- File Ownership and Permissions
- Links (Soft & Hard Links)

**GUIDED LAB**
Create user accounts with restricted permissions and test secure role switching.

**INTERVIEW & ASSESSMENT**
Explain why giving minimum required permissions protects cloud environments.

### 5 Module 5: User & Group Management

- Creating and Managing Users
- Group Administration
- Password Policies
- Sudo Access Control
- User Security Basics

**GUIDED LAB**
Create user accounts with restricted permissions and test secure role switching.

**INTERVIEW & ASSESSMENT**
Explain why giving minimum required permissions protects cloud environments.

### 6 Module 6: Process Management

- Running Processes
- Background and Foreground Jobs
- Process Monitoring (ps, top)
- Kill and Priority Management
- System Resource Monitoring

**GUIDED LAB**
Configure and verify Running Processes in your practice cloud environment.

**INTERVIEW & ASSESSMENT**
Explain how Running Processes improves system reliability and performance.

### 7 Module 7: Networking in Linux

- Network Configuration Basics
- IP Addressing
- DNS and Routing Basics
- Network Troubleshooting Commands
- Firewall Basics (iptables / firewalld)

**GUIDED LAB**
Set up a private cloud network with firewall rules to safely control incoming traffic.

**INTERVIEW & ASSESSMENT**
Explain how network rules protect cloud servers from unauthorized internet access.

### 8 Module 8: Shell Scripting

- Introduction to Shell Scripting
- Variables and Conditions
- Loops (for, while)
- Automating Tasks
- Script Debugging

**GUIDED LAB**
Configure and verify Shell Scripting in your practice cloud environment.

**INTERVIEW & ASSESSMENT**
Explain how Shell Scripting improves system reliability and performance.

### 9 Module 9: Package Management

- RPM and YUM (RHEL-based)
- APT (Debian-based)
- Software Installation & Updates
- Repository Management
- Dependency Handling

**GUIDED LAB**
Configure and verify RPM and YUM (RHEL-based) in your practice cloud environment.

**INTERVIEW & ASSESSMENT**
Explain how RPM and YUM (RHEL-based) improves system reliability and performance.

### 10 Module 10: System Administration

- System Monitoring
- Log Files Management
- Backup & Restore
- Cron Jobs Scheduling
- Performance Tuning Basics

**GUIDED LAB**
Configure and verify System Monitoring in your practice cloud environment.

**INTERVIEW & ASSESSMENT**
Explain how System Monitoring improves system reliability and performance.

### 11 Module 11: Advanced Linux Concepts

- RAID Concepts
- LVM (Logical Volume Management)
- SSH and Remote Access
- Security Hardening
- Kernel Basics Overview

**GUIDED LAB**
Configure and verify RAID Concepts in your practice cloud environment.

**INTERVIEW & ASSESSMENT**
Explain how RAID Concepts improves system reliability and performance.

### 12 Module 12: Real-Time Projects

- Linux Server Setup Project
- User & Permission Management System
- Web Server Deployment (Apache/Nginx)
- Shell Script Automation Project
- Resume Building & Interview Preparation
- Tools Covered
- Linux (Ubuntu / RHEL / CentOS)
- Bash Shell

**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.

## REAL-WORLD PORTFOLIO PROJECTS

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

### Project 1: Linux Server Setup Project

**What it is:** Set up the core Linux environment and configure essential business settings.
**What you do:** Initialize base configurations, create clean templates, and verify workflow controls.
**Tools used:** Linux, Linux vs Windows
**Project outcome:** Working project foundation configured and tested according to best practices.

### Project 2: User & Permission Management System

**What it is:** Build practical Linux Command Line modules to handle everyday business operations.
**What you do:** Create core functional components, validate input data, and prevent common errors.
**Tools used:** Linux, Linux Command Line, Terminal
**Project outcome:** Functional business module ready to run and demo with zero manual errors.

### Project 3: Web Server Deployment (Apache/Nginx)

**What it is:** Connect User Group Management with Creating Managing Users to automate data and team workflows.
**What you do:** Set up automated pipelines, link required services, and run end-to-end tests.
**Tools used:** Linux, User Group Management, Creating Managing Users
**Project outcome:** Live automated workflow pipeline documented with clear usage guides.

### Project 4: Shell Script Automation Project

**What it is:** Optimize Networking Linux workflows for security, speed, and reliability.
**What you do:** Audit performance bottlenecks, apply security rules, and optimize execution speed.
**Tools used:** Linux, Networking Linux, Network Configuration
**Project outcome:** Production-grade technical deliverable ready to add to your personal portfolio.

### Project 5: Linux (Ubuntu / RHEL / CentOS)

**What it is:** Implement advanced Package Management features matching real industry requirements.
**What you do:** Configure custom settings, automate repetitive tasks, and test business rules.
**Tools used:** Linux, Package Management, RPM YUM RHEL
**Project outcome:** Production-grade technical deliverable ready to add to your personal portfolio.

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

**What it is:** Build a complete, production-ready Linux project bringing all skills together.
**What you do:** Design, code, test, and document a full project workflow from scratch to launch.
**Tools used:** Linux, Advanced Linux, RAID
**Project outcome:** Verified capstone project ready to showcase on your resume and interview calls.

## ASSESSMENT FRAMEWORK

Module tests, practical evaluations, capstone and completion criteria.

| COMPONENT | ASSESSMENT FOCUS | PASS EVIDENCE |
|---|---|---|
| Module Knowledge Quizzes | Core Linux principles, industry terminology, and workflow concepts | Consistent passing score across syllabus unit evaluation tests |
| Lab Submissions & Practice Reviews | Hands-on File System 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 Linux 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 |

## RESUME, GITHUB & LINKEDIN

Evidence-based resume writing and professional project presentation.

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

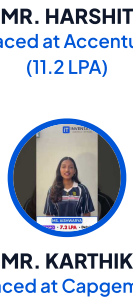
## OUR STUDENT

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 hands-on cloud labs at Inventateq transformed my technical confidence. Writing infrastructure as code and configuring CI/CD pipelines gave me the exact skills needed!"*
Course Completed : **Linux Specialist** G ★★★★★



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

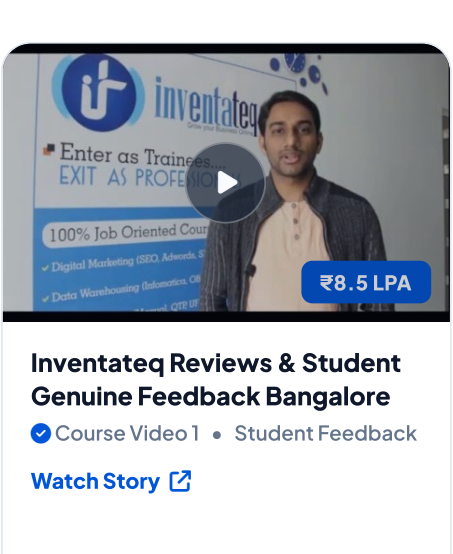
*"Inventateq's real-world focus on containerization and monitoring was top-notch. The capstone deployment gave me the confidence to handle production interview questions."*
Course Completed : **Linux Specialist** G ★★★★★

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

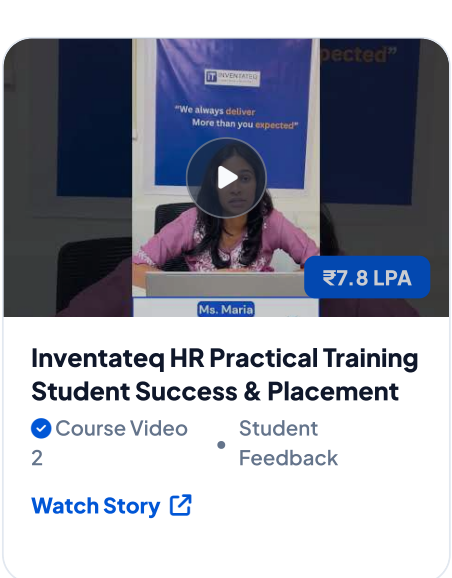
*"Transitioning to a Cloud & DevOps role seemed challenging until I joined Inventateq. The 1-on-1 mentorship and mock interview drills made clearing my interview seamless."*
Course Completed : **Linux Specialist** G ★★★★★

### 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 HR Practical Training Student Success & Placement**
Course Video 2 • Student Feedback
Watch Story

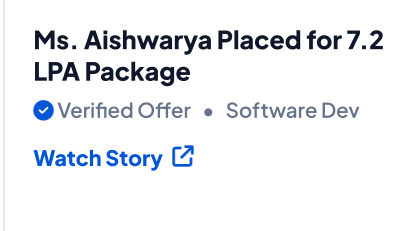
**AWS Course in Bangalore, Best AWS Training & Certificate with Placement**
Course Video 3 • Student Feedback
Watch Story

Classes @ INVENTATEQ.COM
₹6.8 LPA

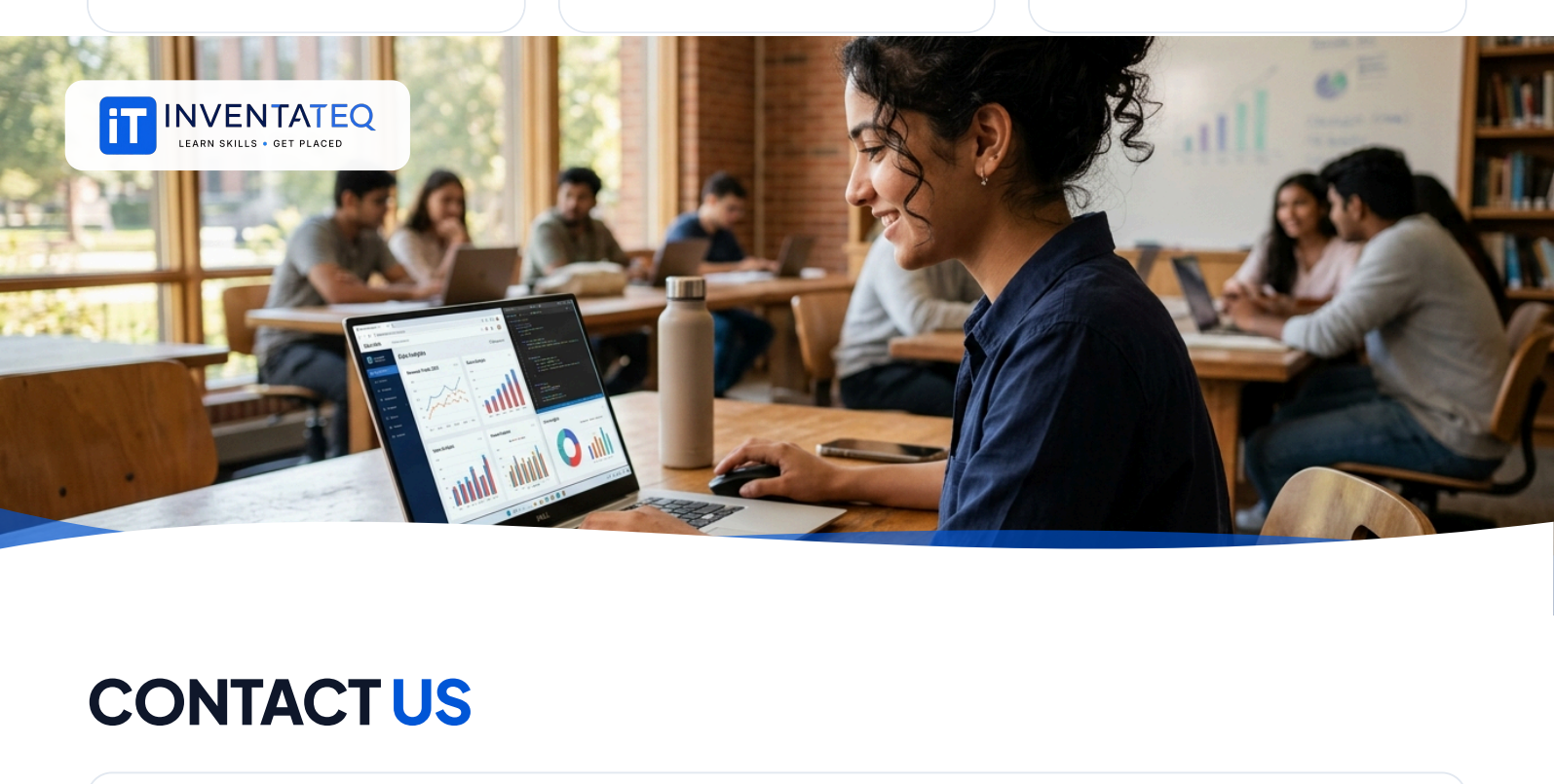
**Free Interview Skills Development Classes for Freshers & College Students**
Course Video 4 • Student Feedback
Watch Story

₹25.0 LPA
MS. MEGHANA

**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

**JOB HUNTING ENDS HERE**
Start your career with **Linux** course that gets your **Dream Job!**

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