INVENTATEQ
LEARN SKILLS • GET PLACED

MASTER AI AUTOMATION ENGINEER
COURSE With Placement

Build In-Demand Professional Expertise with Real-Time Hands-on AI Automation Engineer 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

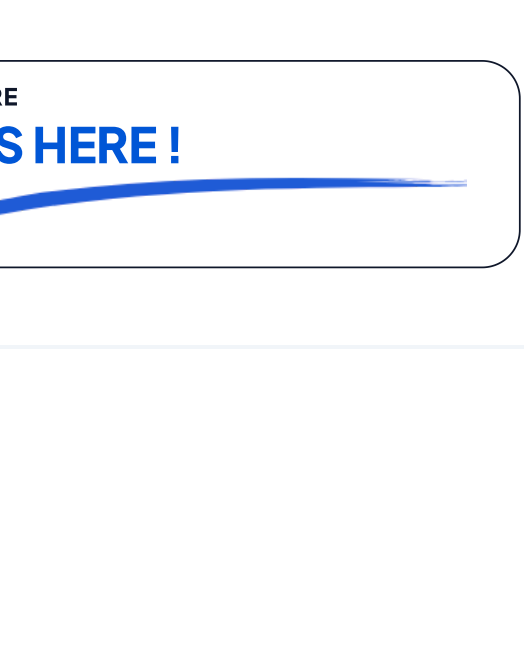
15+ YEARS OF EXCELLENCE | **500+** HIRING PARTNERS | **25K** STUDENTS TRAINED | **15K** STUDENTS PLACED

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 slots and career opportunities that empower individuals to achieve their dreams

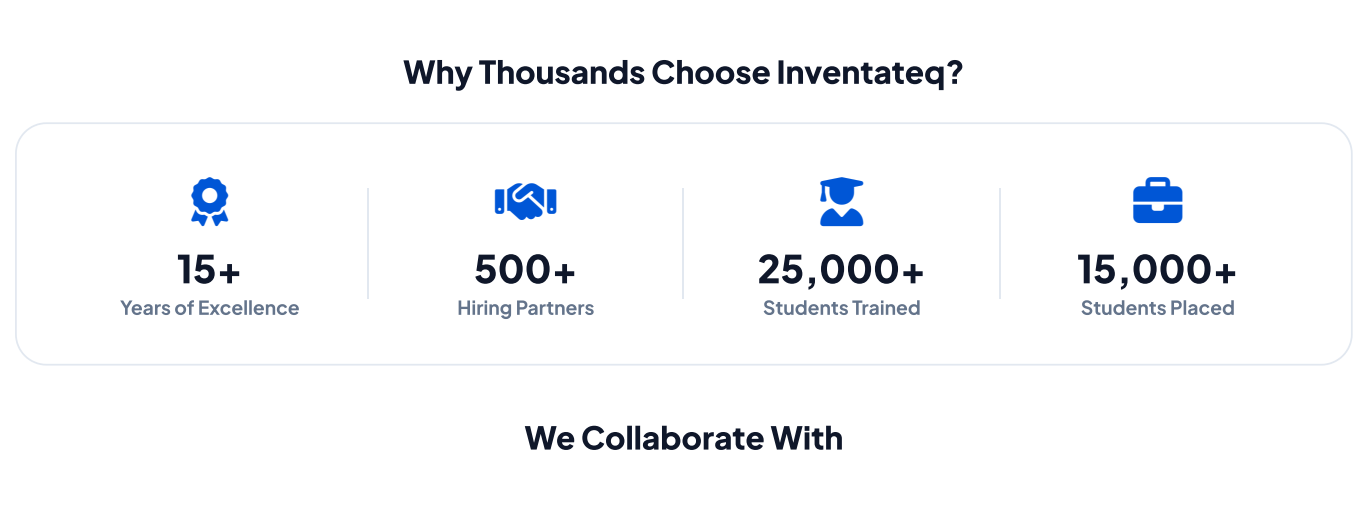
Our Vision
To be a globally recognised training company known for innovation, quality and impactful learner outcomes.

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 AI AUTOMATION ENGINEER ?

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

CAREER SCOPE OF AI AUTOMATION ENGINEER

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

CERTIFICATE
OF ACHIEVEMENT
SIGNATURE

QR Verified | Globally Valid | ISO 9001:2015

Top-Tier Data & AI Demand. Global Analytics Roles. Premium Compensation.

Average AI Automation Engineer Salary in India

₹7.5 LPA – ₹24 LPA

WHY INVENTATEQ ?

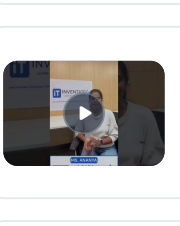
Because we have placed over 15,000+ students and we can place you as well

STUDENT PLACEMENTS

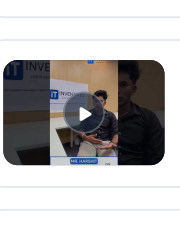
- ✓ 100% Placement Assurance Support
- ✓ 500+ Top Tech Hiring Partners
- ✓ Resume & LinkedIn Optimization
- ✓ Industry Mock Technical Interviews
- ✓ Unlimited Interview Calls Until Placed

COURSE & PLACEMENT VIDEOS

Student Genuine Feedback
Inventateq Reviews & Student Genuine Feed...
Inventateq Bangalore Reviews
Watch Video



Practical Training Success
Ananya's Placement Success Story | AI Course ...
Industry Tech Career
Watch Video



Placement Story
9.5 LPA Career Success in AI!...
Campus to MNC Offer
Watch Video

Interview Skills & Growth
Data Science Course in Bangalore, Learn AI Tr...
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
AI Automation Developer	Manage core AI Automation tasks, configure tooling, and support delivery.	Practical AI Automation setup files, exercise scripts, and documentation.
AI Automation Specialist	Build practical Workflow Automation workflows, implement features, and resolve issues.	Functional Workflow Automation modules, workflow configs, and practical deliverables.
Lead AI Automation Engineer	Lead AI Automation technical delivery, design solutions, and set standards.	Complete AI Automation 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 AI Automation concepts, environment setup, and tools.	Configured AI Automation workspace and verified practice exercises.
Milestone 2 (Implementation)	Develop practical Workflow Automation workflows and functional domain modules.	Working Workflow Automation project modules and validated practice outputs.
Milestone 3 (Advanced Workflows)	Implement advanced AI-Powered Document features, integrations, and optimizations.	Validated AI-Powered Document configurations and technical review outputs.
Milestone 4 (Production Capstone)	Deliver an end-to-end AI Automation capstone project and technical review.	Complete AI Automation project portfolio artifact and defense.

DETAILED MODULE PLAN

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

1 Module 1 – Introduction to AI Automation

- What is AI Automation?
- Traditional Automation vs AI Automation
- RPA vs AI Automation
- Generative AI in business automation
- LLM-powered workflows
- AI agents vs traditional workflows
- Automation use cases across industries
- Subtopics

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

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

2 Module 2 – Python for AI Automation

- Python fundamentals
- Variables and data types
- Conditions and loops
- Functions
- Lists, dictionaries and sets
- Exception handling
- File handling
- JSON processing

GUIDED LAB
Write an automated script that opens a browser, fills a form, and submits it.

INTERVIEW & ASSESSMENT
Explain why companies automate repetitive tests and when manual testing is better.

3 Module 3 – APIs, Webhooks & System Integration

- Understanding APIs
- REST API architecture
- HTTP methods
- GET, POST, PUT and DELETE
- Request and response
- Headers
- Authentication
- API keys

GUIDED LAB
Write an automated script that opens a browser, fills a form, and submits it.

INTERVIEW & ASSESSMENT
Explain why companies automate repetitive tests and when manual testing is better.

4 Module 4 – Workflow Automation with n8n

- Introduction to workflow automation
- n8n architecture
- Nodes and workflows
- Triggers
- Actions
- Conditions
- Loops
- Data transformation

GUIDED LAB
Write an automated script that opens a browser, fills a form, and submits it.

INTERVIEW & ASSESSMENT
Explain why companies automate repetitive tests and when manual testing is better.

5 Module 5 – Generative AI & Prompt Engineering

- Generative AI fundamentals
- LLM concepts
- Tokens
- Context window
- Temperature
- System/user prompts
- Prompt engineering
- Structured outputs

GUIDED LAB
Write an automated script that opens a browser, fills a form, and submits it.

INTERVIEW & ASSESSMENT
Explain why companies automate repetitive tests and when manual testing is better.

6 Module 6 – LLM APIs & AI Application Development

- Connecting applications with LLM APIs
- OpenAI/Gemini API integration
- Chat completion concepts
- Structured output
- Function/tool calling
- Streaming responses
- API cost management
- Subtopics

GUIDED LAB
Write an automated script that opens a browser, fills a form, and submits it.

INTERVIEW & ASSESSMENT
Explain why companies automate repetitive tests and when manual testing is better.

7 Module 7 – AI-Powered Document Automation

- Document automation
- PDF processing
- OCR concepts
- Text extraction
- Data extraction using LLMs
- Document classification
- Invoice processing
- Subtopics

GUIDED LAB
Write an automated script that opens a browser, fills a form, and submits it.

INTERVIEW & ASSESSMENT
Explain why companies automate repetitive tests and when manual testing is better.

8 Module 8 – RAG for AI Automation

- Retrieval-Augmented Generation
- Why RAG is required
- Embeddings
- Chunking
- Vector databases
- Similarity search
- Retrieval pipeline
- Subtopics

GUIDED LAB
Write an automated script that opens a browser, fills a form, and submits it.

INTERVIEW & ASSESSMENT
Explain why companies automate repetitive tests and when manual testing is better.

9 Module 9 – AI Agents & Agentic Automation

- What is an AI Agent?
- Agent architecture
- Tools
- Tool calling
- Planning
- Memory
- Reasoning workflows
- Multi-step task execution

GUIDED LAB
Write an automated script that opens a browser, fills a form, and submits it.

INTERVIEW & ASSESSMENT
Explain why companies automate repetitive tests and when manual testing is better.

10 Module 10 – Advanced Business Process Automation

- End-to-end process automation
- Multi-application workflows
- Event-driven automation
- AI decision-making
- Human approval workflows
- Exception handling
- Automated notifications
- Use Cases

GUIDED LAB
Write an automated script that opens a browser, fills a form, and submits it.

INTERVIEW & ASSESSMENT
Explain why companies automate repetitive tests and when manual testing is better.

11 Module 11 – Databases, Backend & AI Automation Applications

- Database fundamentals
- SQL basics
- PostgreSQL
- SQLite
- MongoDB concepts
- CRUD operations
- Database integration with AI workflows
- Subtopics

GUIDED LAB
Write an automated script that opens a browser, fills a form, and submits it.

INTERVIEW & ASSESSMENT
Explain why companies automate repetitive tests and when manual testing is better.

12 Module 12 – Deployment, Monitoring & Production Readiness

- Application deployment
- Environment variables
- Secrets management
- Docker fundamentals
- FastAPI basics
- Streamlit applications
- Logging
- Monitoring

GUIDED LAB
Write an automated script that opens a browser, fills a form, and submits it.

INTERVIEW & ASSESSMENT
Explain why companies automate repetitive tests and when manual testing is better.

REAL-WORLD PORTFOLIO PROJECTS

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

Project 1: Application deployment

What it is: Set up the core AI Automation environment and configure essential business settings.

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

Tools used: AI Automation Engineer, Traditional Automation vs

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

Project 2: Environment variables

What it is: Build practical APIs Webhooks System modules to handle everyday business operations.

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

Tools used: AI Automation Engineer, APIs Webhooks System, APIs

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

Project 3: Secrets management

What it is: Connect Generative AI Prompt with Generative AI to automate data and team workflows.

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

Tools used: AI Automation Engineer, Generative AI Prompt, Generative AI

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

Project 4: Streamlit applications

What it is: Optimize AI Powered Document workflows for security, speed, and reliability.

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

Tools used: AI Automation Engineer, AI Powered Document, Document automation

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

Project 5: Monitoring

What it is: Implement advanced AI Agents Agentic features matching real industry requirements.

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

Tools used: AI Automation Engineer, AI Agents Agentic, AI Agent

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

Project 6: AI Automation Engineer End-to-End Capstone

What it is: Build a complete, production-ready AI Automation Engineer project bringing all skills together.

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

Tools used: AI Automation Engineer, Databases Backend AI, Database

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 AI Automation principles, industry terminology, and workflow concepts	Consistent passing score across syllabus unit evaluation tests
Lab Submissions & Practice Reviews	Hands-on Workflow Automation implementation, configuration, and practical exercises	Working lab deliverables satisfying practical evaluation rubrics
Hands-On Mini Projects	Independent problem-solving using intermediate AI-Powered Document techniques	Functional project artifacts addressing realistic domain scenarios
Final Production Capstone	End-to-end AI Automation 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 AI Automation diagrams, component specifications, and end-to-end workflows.
- Visual project sheets, live demonstration walkthroughs, and verified functional outputs.
- Project documentation covering Workflow Automation setup, configuration steps, and test notes.
- Direct resume bullet points highlighting hands-on AI Automation 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.

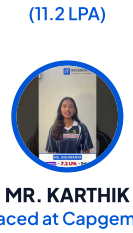
READ REVIEWS

MS. SNEHA
Placed at Wipro (9.5 LPA)

"The 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 : AI Automation Engineer 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 : AI Automation Engineer Specialist
G ★★★★★

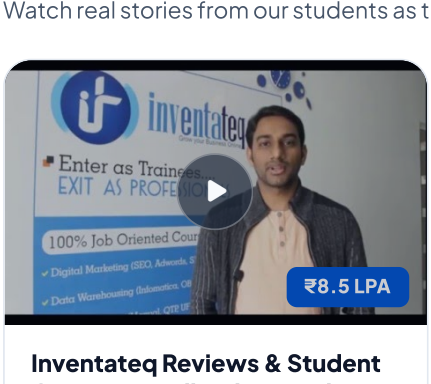


MR. KARTHIK
Placed at Capgemini (10.5 LPA)

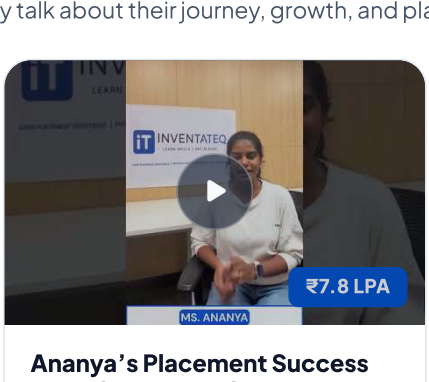
"Moving from beginner theory to hands-on enterprise tools was seamless. The portfolio defense preparation helped me crack my MNC placement round!"
Course Completed : AI Automation Engineer Specialist
G ★★★★★

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



Ananya's Placement Success Story | AI Course | 6.5 LPA at Accenture| Inventateq
Course Video 2 • Student Feedback
Watch Story

9.5 LPA Career Success in AI!
Course Video 3 • Student Feedback
Watch Story

Data Science Course in Bangalore, Learn AI Training with Placement
Course Video 4 • Student Feedback
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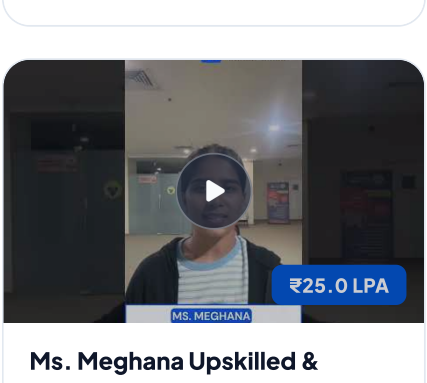
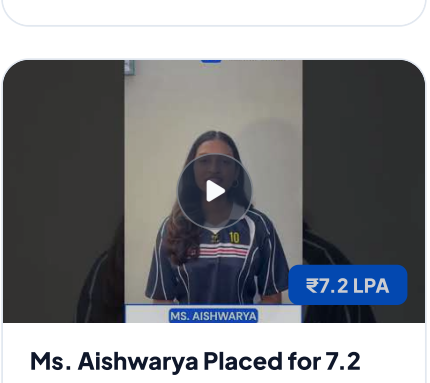


Ms. Meghana Upskilled & Placed at 25 LPA
Top Offer • Enterprise Consultant
Watch Story



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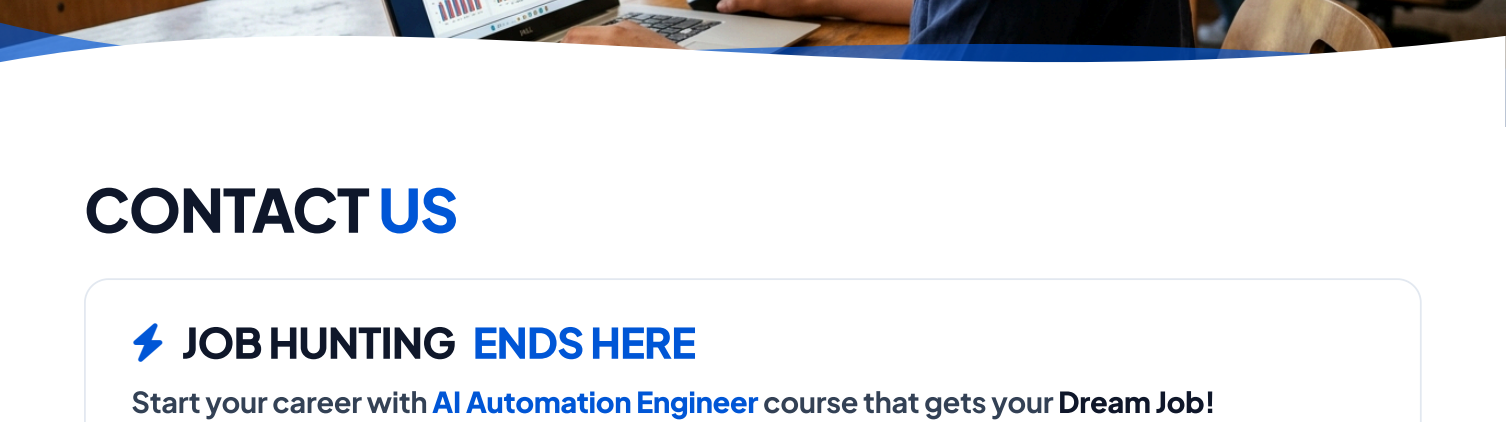

CONTACT US

JOB HUNTING ENDS HERE
Start your career with **AI Automation Engineer** course that gets your **Dream Job!**

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