INVENTATEQ
LEARN SKILLS • GET PLACED

MASTER SDET WITH AI
COURSE With Placement

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

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WHY LEARN SDET WITH AI ?

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

CAREER SCOPE OF SDET WITH AI

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

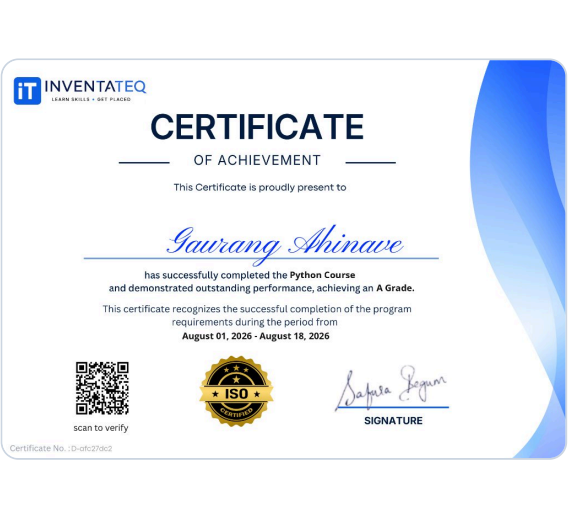
Cross-Industry Opportunities
Versatile skill set applicable across technology, consulting, finance, and core sectors

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
scan to verify
ISO
SIGNATURE

QR Verified · Globally Valid · ISO 9001:2015

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

Average SDET with AI Engineer Salary in India

₹7.5 LPA – ₹24 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
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Practical Training Success
From refreshing job portals every day to rece...
Industry Tech Career
Watch Video

Placement Story
Autocad Classes in Bangalore, Best Catia Cour...
Campus to MNC Offer
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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
SDET with AI Developer	Manage core Software Testing tasks, configure tooling, and support delivery.	Practical Software Testing setup files, exercise scripts, and documentation.
SDET with AI Specialist	Build practical Web Automation workflows, implement features, and resolve issues.	Functional Web Automation modules, workflow configs, and practical deliverables.
Lead SDET with AI Engineer	Lead SDET with AI technical delivery, design solutions, and set standards.	Complete SDET with AI 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 Software Testing concepts, environment setup, and tools.	Configured Software Testing workspace and verified practice exercises.
Milestone 2 (Implementation)	Develop practical Web Automation workflows and functional domain modules.	Working Web Automation project modules and validated practice outputs.
Milestone 3 (Advanced Workflows)	Implement advanced API Testing features, integrations, and optimizations.	Validated API Testing configurations and technical review outputs.
Milestone 4 (Production Capstone)	Deliver an end-to-end SDET with AI capstone project and technical review.	Complete SDET with AI 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: Software Testing & SDET Fundamentals

- Introduction to Software Testing
- Role of an SDET
- Manual Tester vs Automation Tester vs SDET
- SDLC and STLC
- Agile & Scrum
- Testing levels
- Functional and non-functional testing
- Subtopics

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

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

2 Module 2: Programming for Test Automation

- Programming fundamentals
- Variables and data types
- Operators
- Conditions
- Loops
- Functions/methods
- Arrays and collections
- Strings

GUIDED LAB
Build and evaluate a practical machine learning workflow for Programming fundamentals.

INTERVIEW & ASSESSMENT
Explain how Programming fundamentals helps businesses solve complex problems with AI.

3 Module 3: Web Automation with Selenium

- Selenium architecture
- WebDriver
- Browser automation
- Locators
- Web elements
- Element interactions
- Subtopics
- ID

GUIDED LAB
Build and evaluate a practical machine learning workflow for Selenium architecture.

INTERVIEW & ASSESSMENT
Explain how Selenium architecture helps businesses solve complex problems with AI.

4 Module 4: Test Automation Framework Development

- Automation framework architecture
- TestNG / PyTest
- Assertions
- Test annotations
- Test suites
- Parameterization
- Data-driven testing
- Subtopics

GUIDED LAB
Build and evaluate a practical machine learning workflow for Automation framework architecture.

INTERVIEW & ASSESSMENT
Explain how Automation framework architecture helps businesses solve complex problems with AI.

5 Module 5: Modern Browser Automation with Playwright

- Introduction to Playwright
- Playwright architecture
- Browser/context/page concepts
- Locators
- Auto-waiting
- Assertions
- Screenshots
- Traces

GUIDED LAB
Build and evaluate a practical machine learning workflow for Playwright.

INTERVIEW & ASSESSMENT
Explain how Playwright helps businesses solve complex problems with AI.

6 Module 6: API Testing & Automation

- API fundamentals
- REST architecture
- HTTP methods
- Request/response
- Status codes
- Headers
- Authentication
- Subtopics

GUIDED LAB
Build and evaluate a practical machine learning workflow for API fundamentals.

INTERVIEW & ASSESSMENT
Explain how API fundamentals helps businesses solve complex problems with AI.

7 Module 7: Database & SQL Testing

- Database fundamentals
- Relational databases
- SQL basics
- CRUD operations
- Data validation
- Subtopics
- SELECT
- WHERE

GUIDED LAB
Build and evaluate a practical machine learning workflow for Database fundamentals.

INTERVIEW & ASSESSMENT
Explain how Database fundamentals helps businesses solve complex problems with AI.

8 Module 8: AI-Assisted Software Testing

- Introduction to AI in software testing
- Generative AI for QA
- LLM-assisted testing
- AI-assisted test planning
- AI-assisted automation development
- Subtopics
- Generate test scenarios using AI
- Generate test cases from requirements

GUIDED LAB
Experiment with prompt designs and test automated text outputs for practical tasks.

INTERVIEW & ASSESSMENT
Explain how modern AI models process prompts and how to handle unexpected responses.

9 Module 9: AI-Powered Automation & Intelligent Test Maintenance

- AI-assisted locator strategies
- Self-healing automation concepts
- Failure analysis
- Test optimization
- Intelligent test selection
- AI-assisted regression testing
- Subtopics
- Locator failure analysis

GUIDED LAB
Train a basic prediction model on sample data and test its accuracy on new records.

INTERVIEW & ASSESSMENT
Explain how computers learn patterns from past data to predict future outcomes.

10 Module 10: Git, CI/CD & DevOps for SDET

- Version control
- Git fundamentals
- GitHub
- Branching
- Pull requests
- CI/CD concepts
- Subtopics
- Git clone

GUIDED LAB
Build and evaluate a practical machine learning workflow for Version control.

INTERVIEW & ASSESSMENT
Explain how Version control helps businesses solve complex problems with AI.

11 Module 11: Advanced SDET Practices

- Parallel test execution
- Cross-browser testing
- Test environment management
- Test configuration
- Test reporting
- Logging
- Test stability
- Subtopics

GUIDED LAB
Build and evaluate a practical machine learning workflow for Parallel test execution.

INTERVIEW & ASSESSMENT
Explain how Parallel test execution helps businesses solve complex problems with AI.

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REAL-WORLD PORTFOLIO PROJECTS

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

Project 1: Parallel test execution

What it is: Set up the core Software Testing SDET environment and configure essential business settings.

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

Tools used: SDET with AI, Software Testing SDET, Software Testing

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

Project 2: Cross-browser testing

What it is: Build practical Programming Test Automation modules to handle everyday business operations.

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

Tools used: SDET with AI, Programming Test Automation, Programming

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

Project 3: Test environment management

What it is: Connect Test Automation Framework with Automation framework architecture to automate data and team workfl

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

Tools used: SDET with AI, Test Automation Framework, Automation framework architecture

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

Project 4: Test configuration

What it is: Optimize API Testing Automation workflows for security, speed, and reliability.

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

Tools used: SDET with AI, API Testing Automation, API

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

Project 5: Test reporting

What it is: Implement advanced AI Assisted Software features matching real industry requirements.

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

Tools used: SDET with AI, AI Assisted Software, AI software testing

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

Project 6: SDET with AI End-to-End Capstone

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

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

Tools used: SDET with AI, Git CI CD, Version control

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 Software Testing principles, industry terminology, and workflow concepts	Consistent passing score across syllabus unit evaluation tests
Lab Submissions & Practice Reviews	Hands-on Web Automation implementation, configuration, and practical exercises	Working lab deliverables satisfying practical evaluation rubrics
Hands-On Mini Projects	Independent problem-solving using intermediate API Testing techniques	Functional project artifacts addressing realistic domain scenarios
Final Production Capstone	End-to-end SDET with AI 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.

- Testing portfolio with test execution plans, automated suites, and bug logs.
- Detailed Software Testing diagrams, component specifications, and end-to-end workflows.
- Visual project sheets, live demonstration walkthroughs, and verified functional outputs.
- Project documentation covering Web Automation setup, configuration steps, and test notes.
- Direct resume bullet points highlighting hands-on SDET with AI tools and technical outcomes.
- 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 : **SDET with AI Specialist**
G ★★★★★

MR. HARSHIT
Placed at Accenture (11.2 LPA)

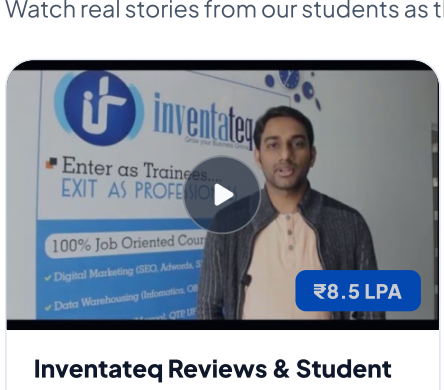
"Inventateq's focus on industry capstone projects and mock interviews was game-changing. The mentors guided me through every real-world implementation hurdle."
Course Completed : **SDET with AI Specialist**
G ★★★★★

MR. KARTHIK
Placed at Capgemini (10.5 LPA)

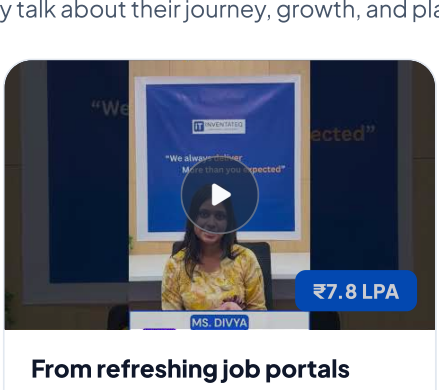
"Moving from beginner theory to hands-on enterprise tools was seamless. The portfolio defense preparation helped me crack my MNC placement round!"
Course Completed : **SDET with AI Specialist**
G ★★★★★

WATCH VIDEOS

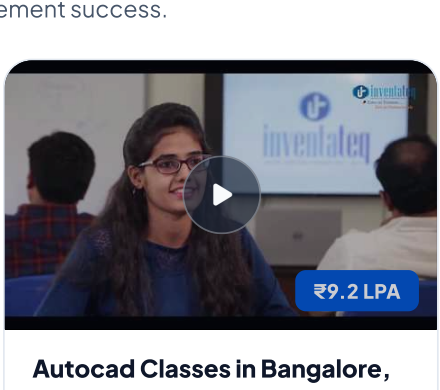
Watch real stories from our students as they talk about their journey, growth, and placement success.



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



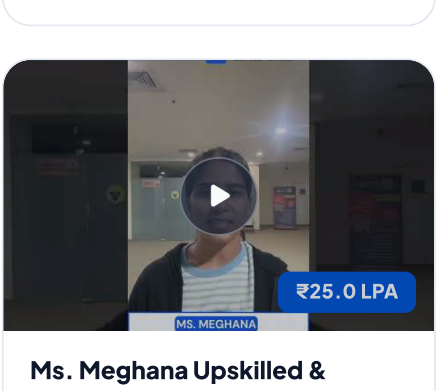
From refreshing job portals every day to receiving a ₹6.2 LPA offer from Capgemini
Course Video 2 • Student Feedback
Watch Story



Autocad Classes in Bangalore, Best Catia Course Near Me with Job Support
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
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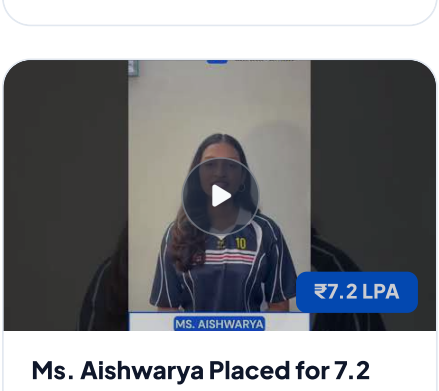

Ms. Aishwarya Placed for 7.2 LPA Package
Verified Offer • Software Dev
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