INVENTATEQ
LEARN SKILLS • GET PLACED

MASTER BUILD AI AGENTS
COURSE With Placement

Build In-Demand Professional Expertise with Real-Time Hands-on Build AI Agents 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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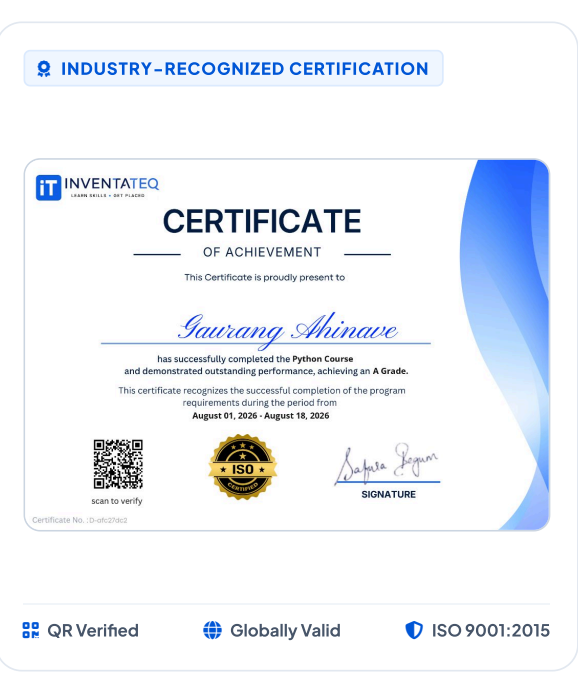
WHY LEARN BUILD AI AGENTS ?

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

CAREER SCOPE OF BUILD AI AGENTS

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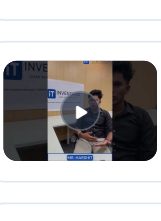
Practical Training Success
Ananya's Placement Success Story | AI Course ...
Industry Tech Career
Watch Video



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 !**

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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
Build AI Agents Developer	Manage core AI Agents tasks, configure tooling, and support delivery.	Practical AI Agents setup files, exercise scripts, and documentation.
Build AI Agents Specialist	Build practical Tool Calling workflows, implement features, and resolve issues.	Functional Tool Calling modules, workflow configs, and practical deliverables.
Lead Build AI Agents Engineer	Lead Build AI Agents technical delivery, design solutions, and set standards.	Complete Build AI Agents 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 AI Agents concepts, environment setup, and tools.	Configured AI Agents workspace and verified practice exercises.
Milestone 2 (Implementation)	Develop practical Tool Calling workflows and functional domain modules.	Working Tool Calling project modules and validated practice outputs.
Milestone 3 (Advanced Workflows)	Implement advanced Multi-Agent Systems features, integrations, and optimizations.	Validated Multi-Agent Systems configurations and technical review outputs.
Milestone 4 (Production Capstone)	Deliver an end-to-end Build AI Agents capstone project and technical review.	Complete Build AI Agents project portfolio artifact and defense.

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DETAILED MODULE PLAN

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

1 MODULE 1 — Introduction to AI Agents

- What is an AI Agent?
- Chatbot vs AI Application vs AI Agent
- Agentic AI vs Generative AI
- Components of an AI Agent
- LLM as the reasoning engine
- Tools and external systems
- Agent state
- Memory

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

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

2 MODULE 2 — Python & LLM Application

- Development
- Python for AI applications
- API integration
- JSON handling
- Environment variables
- Exception handling
- Async programming basics
- Calling LLM APIs

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.

3 MODULE 3 — Prompt Engineering for

- Agents
- System instructions
- Agent instructions
- Role-based prompting
- Few-shot prompting
- Structured prompting
- Context engineering
- Prompt templates

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.

4 MODULE 4 — Tool Calling & Function

- Calling
- What are AI agent tools?
- Function calling
- Tool schemas
- Tool selection
- Tool execution
- Tool results
- API integrations

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

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

5 MODULE 5 — RAG & Knowledge-Based

- AI Agents
- Retrieval-Augmented Generation
- Why agents need external knowledge
- Document ingestion
- Chunking
- Embeddings
- Vector databases
- Semantic search

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

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

6 MODULE 6 — Agent Memory & Context

- Management
- Short-term memory
- Long-term memory
- Conversation history
- Persistent state
- Context management
- Memory retrieval
- User preferences

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

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

7 MODULE 7 — Agent Workflows with

- LangGraph
- Agent workflows
- Nodes
- Edges
- State
- Conditional routing
- Loops
- Checkpoints

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

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

8 MODULE 8 — Multi-Agent Systems

- Single-agent vs multi-agent architecture
- Agent specialization
- Agent delegation
- Agent communication
- Supervisor agents
- Worker agents
- Hierarchical agents
- Subtopics

GUIDED LAB
Build and evaluate a practical machine learning workflow for Single-agent vs multi-agent architecture.

INTERVIEW & ASSESSMENT
Explain how Single-agent vs multi-agent architecture helps businesses solve complex problems with AI.

9 MODULE 9 — MCP & Agent Tool

- Ecosystem
- Model Context Protocol
- MCP architecture
- MCP clients
- MCP servers
- MCP tools
- Resources
- Prompts

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 — Advanced Agent Patterns

- ReAct pattern
- Planning agents
- Reflection
- Self-correction
- Router agents
- Supervisor agents
- Critic agents
- Evaluator agents

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

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

11 MODULE 11 — Agent Evaluation,

- Guardrails & Security
- Agent reliability
- Hallucination control
- Prompt injection
- Tool security
- Access control
- Input validation
- Output validation

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.

12 MODULE 12 — Agent Deployment &

- Production Engineering
- FastAPI
- REST APIs
- Docker
- Environment configuration
- Authentication
- Logging
- Monitoring

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

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

13 MODULE 13 — Agent Observability &

- Performance Optimization
- Agent tracing
- Logging
- Debugging
- Token monitoring
- Cost optimization
- Latency optimization
- Failure analysis

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

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

14 MODULE 14 — Agent-to-Agent

- Communication & Advanced Ecosystem
- Agent-to-Agent communication
- Agent interoperability
- A2A concepts
- Agent discovery
- Delegation between independent agents
- Multi-system agent architecture
- Practical

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

INTERVIEW & ASSESSMENT
Explain how Communication 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: Communication & Advanced Ecosystem

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

Project 2: Agent-to-Agent communication

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

Project 3: Agent interoperability

What it is: Connect RAG Knowledge Based with AI Agents to automate data and team workflows.
What you do: Set up automated pipelines, link required services, and run end-to-end tests.
Tools used: Build AI Agents, RAG Knowledge Based, AI Agents
Project outcome: Live automated workflow pipeline documented with clear usage guides.

Project 4: A2A concepts

What it is: Optimize Multi Agent Systems workflows for security, speed, and reliability.
What you do: Audit performance bottlenecks, apply security rules, and optimize execution speed.
Tools used: Build AI Agents, Multi Agent Systems, Single agent vs
Project outcome: Production-grade technical deliverable ready to add to your personal portfolio.

Project 5: Agent discovery

What it is: Implement advanced Advanced Agent Patterns features matching real industry requirements.
What you do: Configure custom settings, automate repetitive tasks, and test business logic.
Tools used: Build AI Agents, Advanced Agent Patterns, ReAct pattern
Project outcome: Production-grade technical deliverable ready to add to your personal portfolio.

Project 6: Build AI Agents End-to-End Capstone

What it is: Build a complete, production-ready Build AI Agents project bringing all skills together.
What you do: Design, code, test, and document a full project workflow from scratch to launch.
Tools used: Build AI Agents, Agent Deployment, Production Engineering
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 AI Agents principles, industry terminology, and workflow concepts	Consistent passing score across syllabus unit evaluation tests
Lab Submissions & Practice Reviews	Hands-on Tool Calling implementation, configuration, and practical exercises	Working lab deliverables satisfying practical evaluation rubrics
Hands-On Mini Projects	Independent problem-solving using intermediate Multi-Agent Systems techniques	Functional project artifacts addressing realistic domain scenarios
Final Production Capstone	End-to-end Build AI Agents 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.
- Detailed AI Agents diagrams, component specifications, and end-to-end workflows.
- Visual project sheets, live demonstration walkthroughs, and verified functional outputs.
- Project documentation covering Tool Calling setup, configuration steps, and test notes.
- Direct resume bullet points highlighting hands-on Build AI Agents 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 : **Build AI Agents Specialist** G★★★★★

MR. HARSHIT
Placed at Accenture (11.2 LPA)

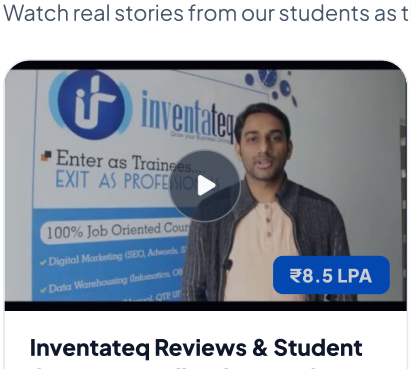
"Inventateq's focus on industry capstone projects and mock interviews was game-changing. The mentors guided me through every real-world implementation hurdle."
Course Completed : **Build AI Agents Specialist** G★★★★★

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 : **Build AI Agents 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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₹7.8 LPA
MS. ANANYA

Ananya's Placement Success Story | AI Course | 6.5 LPA at Accenture| Inventateq
Course Video 2 • Student Feedback
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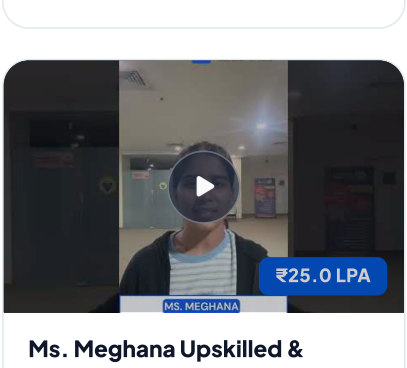
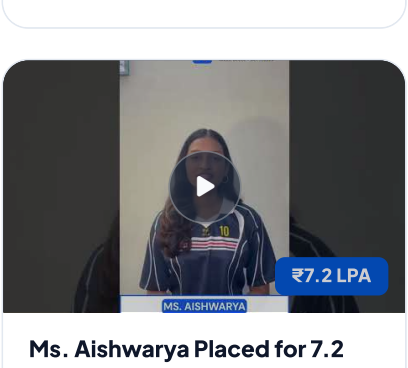
₹9.2 LPA
MR. HARSHIT

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
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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JOB HUNTING ENDS HERE

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