

Since 2007, Making IT Experts & Products

Course: AI Agent Development Course

Duration: 100 Hrs (Changeable) | Fees: Individual / Batch

Since 2007, Nestsoft TechnoMaster has been providing training, internships, and services in IT technologies, both online and offline, with the expertise of **over 250 industry experts**. We have delivered internships, training, and seminars to more than 50,000 students, resulting in numerous success stories. **We offer 100% placement support through JobsNEAR.in**

Our Courses/Internship

- Python/Django Fullstack
- Artificial Intelligence
- Machine Learning
- Data Science
- Software Testing (All)
- Wordpress, Woocommerce
- Digital Marketing, SEO
- Php/MySQL, Laravel
- Flutter, Android, IOS
- Asp.net MVC
- Web Design, Javascript
- Angular JS, React JS
- CCNA, MCSA, CCNP
- AWS, GCP, Azure
- Odoo, Salesforce, Sap
- Microsoft Excel
- Ethical Hacking



Syllabus on the Next Page ..



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Since 2007, Making IT Experts & Products

- * AI Agent Development Curriculum

Month 1: LLM Foundations & OpenAI Agent Architecture

- * Introduction to Autonomous Agents, Tools, and Memory Architecture

- * OpenAI Function Calling & Structured Outputs

- * OpenAI Assistants API & Code Interpreter Integration

- * Building Single-Agent Workflows with Tool Access

Month 2: Stateful Multi-Agent Systems with LangGraph

- * LangChain to LangGraph Migration & State Management

- * Designing Directed Graphs, Nodes, Edges, and Conditional Routing

- * Multi-Agent Architectures: Supervisor, Router, and Hierarchical Teams

- * Human-in-the-Loop Approval Patterns & State Persistence

Month 3: Model Context Protocol (MCP), Tools & Production Deployment

- * Model Context Protocol (MCP) Fundamentals & Architecture

- * Building Custom MCP Servers & Connecting External Tool Interfaces

- * Agent Evaluation, Observability, and Debugging (LangSmith / Tracing)

- * Capstone Project: End-to-End Enterprise Multi-Agent System Deployment

(Click on Course for more details)

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- Thank You -

N.B: This syllabus is not final and can be customized as per requirements / updates.

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