



# n8n + AI Agents

Advanced Professional Certification • 2025–26

# Build Autonomous AI Agents Using n8n

Self-Hosted n8n • Docker • LLM Orchestration • ReAct Agents •  
WhatsApp AI • Enterprise Automation

## Autonomous AI Agents

Memory • Tools • Reasoning • Multi-step execution

## Production n8n

Docker • MCP Servers • SSL • Scaling • Monitoring

## WhatsApp AI Automation

Meta Business API + AI replies + Lead routing

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# 100% n8n + AI Agents Curriculum

- 1 API, Postman & JSON Mastery**  
REST APIs • Webhooks • JSONPath • Authentication
- 2 n8n Triggers & 400+ Nodes**  
Webhook • Cron • App Events • Manual • Polling
- 3 Advanced n8n Workflow Logic**  
Code Node • IF • Switch • Merge • Error Workflow
- 4 Self-Hosted n8n on Docker**  
Docker Compose • Nginx • SSL • Queue Mode • MCP Servers
- 5 LLM Orchestration**  
OpenAI • Claude • Gemini • Groq • Ollama • Llama 3
- 6 Building AI Agents in n8n**  
Memory • Tools • ReAct • Chain-of-Thought • Multi-Agent
- 7 WhatsApp AI Agent Automation**  
Meta API • Dynamic replies • Lead qualification • CRM sync
- 8 Capstone & Live Deployment**  
3 enterprise-grade AI agents • Internship • Portfolio

## 10-Week Intensive Roadmap

- Week 1–2:** APIs + n8n Core + Advanced Logic
- Week 3–4:** Docker Deployment + Production n8n + MCP Servers
- Week 5–7:** LLM Integration + AI Agent Architecture + WhatsApp Automation
- Week 8–10:** Live Enterprise Projects + Internship + Placement Preparation

# Why AI Agents + n8n is the Future

Traditional automation = Rule-based

**AI Agents = Autonomous decision-making systems**

Combine n8n's 400+ integrations with LLM reasoning to build agents that think, decide, and act across your entire business stack.

## You Will Build

- WhatsApp AI Lead Qualifier Agent
- Multi-step Research & Report Agent
- Autonomous Customer Support Agent
- AI-Powered CRM Sync Agent
- Self-healing Workflow Monitor Agent

## Tools & Platforms You Master

- n8n Cloud & Self-Hosted
- Docker • Nginx • PostgreSQL
- OpenAI • Claude • Gemini • Groq
- Meta WhatsApp Business API
- LangChain-style tool calling

## Program Includes

Live Enterprise Projects • 6-Month Internship • 100% Placement Assistance

Lifetime Community Access • Recorded Sessions • Certificate of Completion