45-Day AI Agent & Automation Builder Curriculum

✦ Become an AI Agent Engineer who builds chat, voice & workflow automation systems without heavy coding.

★ Phase 1: Getting Started (Days 1–7)

You will learn:

✓ What AI agents are
✓ How automations work
✓ ChatGPT logic & prompting
✓ APIs, webhooks & JSON basics
✓ No-code tools like **Make.com & n8n**
✓ Creating your first simple AI bot

You will build:

➜ A Telegram/WhatsApp style AI assistant responding to messages

★ Phase 2: Building Smart Chat Agents (Days 8–20)

You will learn:

✓ AI chat response automation
✓ Collecting user information
✓ Google Sheets as database
✓ HubSpot/Airtable for CRM
✓ Webhook thinking
✓ Multi-step conversational logic
✓ Filtering, routing, and scoring leads

You will build:

✓ Lead qualification agent
✓ Customer support bot
✓ FAQ responder
✓ Social media interaction bot
✓ Email auto-reply workflows

⋆ Phase 3: Python + AI (Days 21–28)

You will learn:

✓ Python basics (no heavy coding)
✓ Calling APIs from Python
✓ Deploying simple webhooks
✓ Sending/receiving JSON
✓ Connecting Python with n8n/Make

You will build:

➡A custom AI engine connected to Telegram/WhatsApp/n8n using Python

⋆ Phase 4: Voice AI Agents (Days 29–39)

You will learn:

✓ How voice AI works
✓ Speech-to-text + AI + text-to-speech
✓ Voice intents and dialogues
✓ Intelligent phone assistant design
✓ Using tools like:

✦Retell AI
✦Vapi AI

You will build:

✓ Appointment booking voice agent
✓ Real estate inquiry call agent
✓ Hotel concierge phone assistant
✓ Wellness check-in voice bot

⋆ Phase 5: Multi-Agent Orchestration (Days 40–45)

You will learn:

✓ Master agents vs micro agents
✓ How to give AI tools (email, CRM, calendar access)
✓ Memory and context passing
✓ Error handling and monitoring
✓ Evaluating output & improvement loops
✓ Deploying your automation as a public service

You will build your **Capstone Project**:

➡️A full business automation system (voice + chat + CRM + scheduling)
Example projects:

- Real estate AI assistant
- Coaching/therapy system
- E-commerce support AI
- Hotel concierge automation

What You'll Be Able to Do After 45 Days

You will be able to:

✓ Build chat & voice AI agents
✓ Automate WhatsApp, Telegram, Email & phone workflows
✓ Create CRM-driven business assistants
✓ Build Python-powered AI logic
✓ Launch end-to-end automation systems

You become capable of working as:

☐ AI Automation Specialist
☐ AI Agent Architect
☐ Workflow Engineer
☐ Voice Bot Developer

Tools You Will Master

✦Make.com
✦n8n
✦Retell AI
✦Vapi AI
✦Google Sheets
✦Python (basic scripting)