

Nouman Fazil

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About Me

Computer Science student focused on building automation systems and AI-powered workflows. Experienced in designing event-driven pipelines using n8n and LangChain, integrating APIs, and orchestrating multi-agent email and client onboarding solutions. Skilled in Python and C++ with hands-on project experience in real-world automation and AI workflows.

Skills

- **Automation & AI:** n8n, LangChain, AI agent design, API integrations, FastAPI, Streamlit
 - **Programming:** Python, C++, C, SQLite
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Education

- NED University of Engineering and Technology — BSc in CS & IT (2024–Present)
 - DJ Sindh Govt. Science College — Intermediate, 85%
 - Crescent Bahria Cadet College — Matriculation, 94%
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Top Projects

Client Onboarding & Operations Automation System

Tools: n8n, Typeform, Airtable, Google Drive, Slack, Gmail API, Gemini AI, PDFMonkey

- Designed an end-to-end client onboarding automation with n8n.
- Captured client data via Typeform, centralized in Airtable, and set up Drive folders & Slack channels.
- Used AI (Gemini) to generate task lists and weekly updates.
- Automated invoice generation, delivery, feedback collection, and project tracking.

Lead-Connect — Automated Lead Welcome & Newsletter System Tools:

Tools: n8n, Gmail API, Google Sheets, AI Content Generation

- Built automated lead onboarding and email nurturing workflows.
- Triggered personalized welcome emails and tracked leads in Google Sheets.
- Scheduled AI-assisted newsletters for consistent engagement.

StudyMate — RAG-powered Knowledge Assistant Tools:

Tools: Python, LangChain, ChromaDB, SQLite

- Built a session-based RAG system allowing users to select and interact with named document collections.
 - Managed embeddings, metadata, and vector collections in ChromaDB for structured retrieval.
 - Implemented LangChain pipelines for efficient AI-driven context-aware responses.
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