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

– **Programming:** Python, C++, C, SQLite

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%

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: 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: 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.