

SUMMARY

AI Automation Engineer with hands-on experience building and deploying production multi-agent LLM systems, RAG pipelines, and n8n/Python business automations. Cut client prospecting and outreach time by up to 80% through live automation deployments for real business operations. Hands-on with Claude API, LangChain/LangGraph, multi-agent orchestration, tool/function calling, and Voice AI agent deployment via Vapi and Retell AI.

EDUCATION

FAST – National University of Computer and Emerging Sciences

B.S. in Software Engineering (Computer Science) – CGPA: 3.21/4.0

Islamabad, Pakistan

Expected Jun 2027

TECHNICAL SKILLS

- AI & Agents : Claude API, LangChain, LangGraph, RAG Pipelines, Multi-Agent Orchestration, Tool/Function Calling
- Automation : n8n, Make.com, Zapier, Python Agents, Vector Databases
- Voice AI : Vapi, Retell AI, HeyGen, Outbound Cold-Calling Automation
- Frameworks : Next.js, FastAPI, Streamlit, Prisma
- Integrations : Supabase, PostgreSQL, Google Sheets, Airtable, Notion, HeyReach, Tavily, SAM.gov API
- Languages : Python, JavaScript/TypeScript, SQL
- Dev Tools : Git, Docker, Claude Code, Cursor, VS Code

EXPERIENCE

- AI Automation Engineer

Trilles AI

Jan 2026 – Present

Internship → Project Contract – Remote, Pakistan

 - Eliminated manual reply triage in production by building multi-agent LLM orchestration systems that classify inbound business communications and route decisions in real time.
 - Integrated Vapi and Retell AI voice agents for autonomous outbound call handling, plus HeyGen for personalized AI video outreach.
 - Enabled seamless real-time data flow across the platform by integrating Supabase/PostgreSQL backends with front-end interfaces and n8n automation layers in a live web application.
- Freelance Automation Engineer

Self-Employed

2024 – Present

Remote

 - Cut client prospecting and outreach time by up to 80% by designing and delivering end-to-end n8n and Python automation workflows covering lead generation, cold outreach, CRM integration, and email sequencing.
 - Sustained delivery quality across multiple concurrent client engagements by independently managing shifting requirements, timelines, and production deployments without supervision.

PROJECTS

- GovLens AI (In Progress)

Next.js, TypeScript, Prisma, Supabase, Claude API, SAM.gov API

 - Building a platform that matches small US businesses to federal contract opportunities, using Claude to translate solicitations into plain English and auto-draft capability statements.
- Polarity Intel Agent

Python, LangGraph, Claude API, Tavily, Streamlit

 - Built an autonomous research agent that decomposes investment mandates into search queries, classifies matches with reasoning, and escalates ambiguous cases to a human reviewer.
- Trilles Report Processor

Python, FastAPI, Next.js, Ollama, Alembic

 - Built a healthcare document processing platform converting clinical reports into structured, branded PDFs using a local LLM, keeping patient data fully offline.
- LinkedIn Outreach Automation

TypeScript, n8n, HeyReach API, Claude API, Google Sheets

 - Automated the full outreach-to-follow-up loop by using Claude to classify every reply as positive, ambiguous, or negative and trigger the correct follow-up sequence or Gmail alert in real time.
- AI Project Automation Dashboard

Python, n8n, Claude API, JSON Generation

 - Reduced n8n workflow build time from hours to minutes by converting plain-English requirements docs into complete, production-ready workflow JSON with all nodes, connections, and credentials auto-wired.

CERTIFICATIONS

AI Automation Engineer Internship Certificate – Trilles AI (Issued by Awais Ali, Founder & CEO)

April 2026