NOMAN AQEEL

AI Engineer | Agentic AI, LLM Applications, RAG & Automation
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PROFESSIONAL SUMMARY

AI Engineer with practical experience in Agentic AI, LLM applications, Retrieval-Augmented Generation (RAG), model evaluation, and AI workflow automation. Develops Python solutions using LangChain, LangGraph, FastAPI, vector databases, REST APIs, webhooks, and n8n for knowledge-based chatbots, SaaS applications, and business process automation. Contributes to Google Gemini personalized model-training workflows at Turing and Anthropic model evaluation through Revelo, with experience translating business requirements into tested, deployable solutions.

TECHNICAL SKILLS

Programming: Python, SQL, JavaScript, C++
AI & LLM Engineering: Agentic AI, AI Agents, LLM Integration, Prompt Engineering, LangChain, LangGraph, RAG, Embeddings, Semantic Search, Knowledge-Based Chatbots, Model Evaluation, Hugging Face
Frameworks & APIs: FastAPI, REST APIs, Webhooks
Vector Databases: Pinecone, ChromaDB, FAISS
Automation Tools: n8n, Make.com, Zapier, GoHighLevel (GHL)
Data & Databases: Pandas, MySQL, Firebase, PostgreSQL, Data Analysis, Kaggle
Development Tools: Git, GitHub, WordPress, Shopify, Sanity, Cursor, Claude Code
Deployment: AWS VPS Server, Docker
Soft Skills: Problem Solving, Team Management, Project Management, Client Communication, Cross-functional Coordination, Requirements Analysis, Attention to Detail

PROFESSIONAL EXPERIENCE

AI Model Trainer / Data Analyst | Turing
Jan 2026 – Present

- Evaluate outputs for Google Gemini personalized model-training projects, analyzing user intent, response quality, and adherence to project guidelines.
- Assess prompts and outputs for reasoning quality, accuracy, consistency, model behavior, and annotation quality across AI and data workflows.
- Provide structured feedback that documents quality issues and supports reliable personalized model-training processes.

Founder | INNOVIAST
Jun 2025 – Present

- Led hands-on delivery of AI automation, SaaS applications, business software, and web solutions for client requirements.
- Translated business needs into solution plans and coordinated development, testing, deployment, support, and cross-functional delivery.
- Guided workflow-automation and SaaS projects with attention to usability, operational needs, and clear client communication.

3D Developer – AI Model Training | Revelo
Aug 2026 – Nov 2026 | Remote

- Reviewed and refined AI-generated interactive 3D web scenes (HTML, JavaScript, Three.js) covering lighting, materials, animations, camera controls, and interactions.
- Evaluated model outputs against detailed visual and functional rubrics, and wrote automated tests and validations for required features.
- Ran visual, functional, and responsive QA across screen sizes and gave structured feedback to improve the model's accuracy and 3D website generation.

AI Model (Opus 4.6) Evaluator | Revelo
Project-Based, Part-Time | 4 Months

- Evaluated an Anthropic model on coding, reasoning, and issue-resolution tasks derived from real-world GitHub issues.
- Compared generated fixes with issue requirements, reviewed solution quality, and identified technical limitations and quality gaps.
- Documented evaluation outcomes clearly to support consistent assessment of model capabilities.

Web Development Experience | Freelancing, YoungDev & Cosmicode
2023 – 2025

- Delivered WordPress sites, responsive interfaces, and PHP/JavaScript features for client and internship projects.
- Handled debugging, database integration, performance optimization, and client-focused project delivery.

AI & AUTOMATION PROJECTS

HemaSphere — Blood Management Ecosystem (Final Year Project) | ***Flutter, Next.js, Node.js, PostgreSQL, FastAPI, Firebase, AWS***

- Built a blood management ecosystem connecting donors, patients, hospitals, and blood banks: a Flutter app for scheduling donations, emergency blood requests, nearby blood-bank search, real-time alerts, and donation history.
- Developed the blood-bank web platform for point of sale, inventory, donor records, appointments, emergency broadcasts, QR tracking, analytics, an AI chatbot, and demand forecasting.

Leads Engine — AI-Powered Lead Generation SaaS Platform | *MERN Stack, LLM Integration, Apify, REST APIs, AI Chatbot* | Live: leadsengine.ai

- Collaborated on a full-stack AI-powered lead generation SaaS platform using the MERN stack, integrating LLMs to interpret user requirements and generate targeted prospect searches.
- Integrated Apify-powered lead collection and AI-assisted lead qualification through a conversational chatbot for sales and business development.

Home Care Business OS — Complete Agency System on GoHighLevel | *GoHighLevel, Funnels & Website, CRM Pipelines, Automation, AI Voice Agents*

- Designed a home care agency's website, lead funnels, and client pipeline on GoHighLevel, with automated follow-ups, reminders, and onboarding processes end to end.
- Built a complete caregiver recruitment system (job funnels, screening, interview and hiring pipeline) plus AI calling and client-handling agents working inside the same GHL workspace.

Configurable AI Chatbot & Live Support Platform | *React, Python, FastAPI, LLM APIs, REST APIs*

- Developed a configurable AI chatbot platform with a React frontend and Python backend, enabling businesses to customize behavior, instructions, and lead capture through an admin panel.
- Implemented AI-to-human live-chat handoff, structured lead capture, and centralized conversation management without requiring code changes.

Automatic Number Plate Recognition & Vehicle Alert System | *Python, YOLOv11, Computer Vision, Deep Learning*

- Trained a custom YOLOv11 model on a custom vehicle number-plate dataset for real-time license-plate detection from live camera feeds.
- Integrated number-plate recognition with a police database to identify missing vehicles and generate automated alerts upon detection.

RAG-Based Enterprise Knowledge Assistant | *Python, LangChain, FastAPI, Pinecone, ChromaDB, LLM*

- Built a Retrieval-Augmented Generation application using vector databases, semantic search, and LLMs to answer questions from business documents.
- Implemented document ingestion, embeddings, context retrieval, and source-grounded responses through FastAPI APIs.

Multi-Agent Research & Content Workflow | *Python, LangChain, LLMs, Tool Calling*

- Developed a multi-agent AI workflow in which specialized agents perform research, planning, drafting, and structured-output generation.
- Implemented tool calling, shared memory, and multi-step orchestration for automated AI task execution.

AI-Powered Customer Support & CRM Automation | *n8n, LLM APIs, CRM Integration, Gmail, Slack*

- Designed an AI-powered customer support workflow that classifies requests, generates context-aware responses, and updates CRM records automatically.
- Automated request routing, Slack notifications, and customer acknowledgements using LLMs and workflow automation.

WhatsApp AI Communication Automation | *n8n, WhatsApp Business API, LLM APIs, Webhooks*

- Developed an AI-powered WhatsApp workflow for customer support, lead qualification, and personalized follow-up messaging.
- Integrated LLM-based intent detection, CRM synchronization, and automated escalation to human support when required.

Intelligent Invoice Processing Automation | *n8n, Google Drive, Google Sheets, Gmail, PDF Parsing, LLM*

- Built an end-to-end invoice-processing workflow that extracts structured information from uploaded PDF invoices and stores the data in Google Sheets.
- Automated invoice summaries, email notifications, and validation workflows using AI-powered document processing.

EDUCATION

BS Computer Science | Superior University, Lahore **Nov 2021 – Jun 2025**

CGPA: 3.6 / 4.0

PUBLICATION

"A Survey on Tor's Multi-Layer Architecture and Web Implications in the Dark Web." SES, Vol. 2, No. 4, pp. 212–231, Dec. 2024.

CERTIFICATIONS & ACHIEVEMENTS

- **CS50x Puzzle Day 2025:** Apr 2025 — Solved 9 of 9 puzzles; organized under Prof. David J. Malan, Harvard University.
- **Intra-University Programming Competition:** Superior IEEE Society — Participated in the C++ programming competition.
- **Freelancing Course:** PFTP — Two-month course focused on client acquisition and freelance business skills.
- **Introduction to SQL:** SoloLearn, May 2024 — MySQL and Microsoft SQL Server Management Studio.

LANGUAGES

English (Professional) | **Urdu** (Native)