

# MUHAMMAD DANIYAL

AGENTIC AI DEVELOPER | FULL-STACK DEVELOPER | DATA SCIENCE STUDENT

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## SUMMARY

Data Science student building AI-powered applications and full-stack products. Hands-on project experience with Python, FastAPI, React/Next.js, React Native, LLM APIs, Firebase, and workflow automation. Interested in reliable AI agents, tool-calling, multilingual AI, and practical software products. Seeking an AI/Agentic AI or Full-Stack internship or entry-level opportunity.

## EDUCATION

- Quaid-e-Awam University of Engineering, Science & Technology (QUEST), Nawabshah | Pakistan**
  - **BS Data Science** | 2024-2028 (expected) | Currently in third year
- Governor Sindh's Initiative for AI & Computing (GIAIC), Karachi | Pakistan**

## SELECTED PROJECTS

### 1. ServiceFlow AI - AI Service Discovery & Booking | *React Native, Expo, FastAPI, Gemini API, Firebase, Google Maps*

- Building a multilingual service app concept that turns English, Urdu, and Roman Urdu messages into service intent, provider discovery/ranking, booking, notifications, and follow-up flows.
- Worked across the React Native mobile client and FastAPI backend, integrating Firebase services and location-based provider discovery using Maps APIs.

### 2. Buywo Store - E-Commerce Platform | *Next.js/React, Sanity CMS, Vercel*

- Developing a mobile-friendly, product-first storefront with CMS-managed catalogue content, product recommendations, and customer reviews.
- Configured Sanity webhook-based cache revalidation and worked on review security, spam handling, and storefront reliability.

### 3. AI Scholarship Advisor | *Next.js, Groq API, Llama 3.3 70B*

- Built an AI-powered scholarship-advisor application concept integrating an LLM API into a web interface to help students explore scholarship information.

### 4. AI Employee Project | *Python, Gemini 2.5 Flash, Flet, Obsidian*

- Worked on an AI productivity-assistant project using a Flet interface, Gemini 2.5 Flash, and Obsidian as part of the project workflow.

## TECHNICAL SKILLS

**Programming:** Python, TypeScript

**Web & Backend:** HTML, CSS, Next.js, Tailwind CSS, FastAPI, REST APIs

**AI & Automation:** OpenAI Agents SDK, OpenAI/Gemini/Groq APIs, LLMs, prompt design, tool-calling concepts, n8n, agentic workflows

**Data & Platforms:** Firebase/Firestore, Sanity, Neon, Qdrant, Git/GitHub, Docker, Vercel, Netlify

## COURSEWORK & LEARNING

**Google Skills / Google Cloud:** Introduction to Generative AI, Introduction to Large Language Models, Introduction to AI Agents, Prompt Design in Vertex AI, Build a Website on Google Cloud.

## RESEARCH INTERESTS & LANGUAGES

**Research interests:** Multilingual LLM reliability and agentic AI evaluation. Exploring a study comparing AI-agent tool-calling reliability under English versus code-mixed Urdu/Roman Urdu instructions.

**Languages:** Urdu (fluent), English (intermediate).