SYED DANIYAL ALI

AI Engineer | Software Engineer

Karachi, Pakistan | +92-345-3301355 | developerdaniyal025@gmail.com | LinkedIn | GitHub

PROFESSIONAL SUMMARY

AI and Software Engineer with hands-on experience owning an AI/automation initiative end-to-end from stakeholder discovery through system design alongside full-stack and Agentic AI system delivery. NEDUET BSCS graduate (**CGPA 3.78**) with a strong foundation in clean architecture, RAG/LLM systems, REST APIs, and database-driven products.

TECHNICAL SKILLS

AI/ML & Frameworks: LLM APIs, LangChain, RAG, Vector DBs, n8n
Languages: Python, JavaScript, TypeScript, Dart, SQL
Backend & Frontend: FastAPI, Node.js, Express.js, React, Flutter, REST APIs, JWT
Version Control: Git & Github
Databases & Tools: PostgreSQL, Supabase, MongoDB, MySQL, Postman, Docker

PROFESSIONAL EXPERIENCE

AI Engineer (Full-Time Role) | Providus Technologies *Jul 2026 – Present*

- Acting as a Full Stack Engineer and a project owner for an internal initiative to automate a manually-maintained economic Excel model used for financial analysis into an end to end n premise App.
- Leading structured business-process discovery for a manually-maintained economic models.
- Goal is to substitute the manual economic analysis with a completely automated analyst platform which includes Intelligent AI agents for each business economic model with its complete calculation engine.

Data Analysis Intern | 10Pearls Pakistan *Apr 2026 – Jun 2026*

- Engineered an end-to-end ML pipeline for AQI forecasting covering data ingestion, feature engineering, model training, and deployment.
- Developed an interactive Python dashboard for real-time AQI visualization and pollutant-level trend monitoring.

Full-Stack Developer Intern | 10Pearls Pakistan *Dec 2025 – Feb 2026*

- Built a production-style MERN notes application with full CRUD operations, JWT authentication, and server-side per-user data isolation.
- Improved code quality through SonarQube static analysis, unit testing, Git pull requests, and peer code reviews.

PROJECTS

Inflation & Economic Data Automation — Providus Technologies (Ongoing)
Python, Scrpaling, FastAPI - Agentic-assisted Intelligent analytics (planned)

- Documented input/output data lineage and workbook logic across datasets, translating findings into a requirements baseline for the automation build.
- Designed the complete Schema of the Pakistan Inflation Model.
- Added scheduled scrapers for the automated data ingestion of multiple data sources and built the complete calculation Engine.
- Implemented an AI Agentic Intelligence layer that provides grounded inflation reports on unseen scenarios.

Multimodal AI Clinical Decision Support System (Final Year Project)
Python, PyTorch, FastAPI, MedGemma-4B, ResNet50, Supabase pgvector, Groq API

- Architected two FastAPI microservices for radiology inference and multimodal RAG, supporting X-ray analysis, chat, SSE streaming, file uploads, and session memory.
- Trained a ResNet50 multi-label chest X-ray classifier integrated with MedGemma-4B-IT, and implemented hybrid retrieval (pgvector + full-text search, RRF, reranking, dual-LLM routing).

EDUCATION

B.S. Computer Science | NED University of Engineering & Technology *2022 – 2026*
2026 Graduate | **CGPA: 3.78 / 4.00**

CERTIFICATIONS & ACHIEVEMENTS

- Google AI Professional Certificate — Google/Coursera, 2026
- National Skills Competency Test by HEC — 99.8 percentile; 2nd highest scorer in NED University, 41st rank nationwide, 2026
- HCIA DataCom — Huawei, 2025