

Syed Daniyal Khawar

03039296741 | daniyalkhawar3@gmail.com | linkedin.com/in/daniyal-khawar | github.com/daniyalkhawar366

Full-Stack Developer and Software Engineer building scalable web applications, backend systems, and AI-powered products using modern JavaScript, cloud technologies, and production-ready architectures.

EXPERIENCE

Lab Demonstrator

Islamabad, Pakistan

FAST NUCES

- Mentored 100+ students through hands-on programming labs and live technical demonstrations
- Conducted 15+ sessions simplifying real-world software engineering and development concepts

PROJECTS

FasalGuard - AI Precision Agriculture | *React.js, Node.js, MongoDB, Python*

(Final Year Project)

- Built MERN platform integrating climate and satellite data to monitor crop health and predict yield risks
- Developed secure REST APIs with JWT authentication and analytics dashboards

Cloud-Native MLOps Monitoring System | *FastAPI, Docker, AWS, Grafana, GitHub Actions*

- Developed end-to-end MLOps workflow with automated retraining, monitoring dashboards, and Slack alerting
- Implemented CI/CD pipelines, AWS deployment, Dockerized APIs, and schema/drift detection systems

Airbnb Clone | *React.js, Node.js, Express.js, MongoDB*

- Designed MERN-based rental platform with listings, booking workflows, and JWT authentication
- Built scalable REST APIs and optimized MongoDB schemas for reservation management

PolySafe — Drug Interaction Safety Platform | *React 19, FastAPI, MongoDB*

- Built AI-powered healthcare platform detecting dangerous drug interactions using NIH and FDA APIs
- Optimized backend performance with parallel processing, caching, and OCR-based prescription extraction

AI-Powered Event Feedback System | *FastAPI, MongoDB, Whisper, LLM APIs*

- Built speech-to-text feedback platform using LLM-based analysis for structured event insights
- Developed authenticated backend APIs for scalable feedback processing workflows

EDUCATION

FAST NUCES

BS Computer Science; GPA: 3.18

Islamabad, Pakistan

Expected 2026

TECHNICAL SKILLS

Frontend: React.js, Tailwind CSS, Material UI

Backend: Node.js, Express.js, FastAPI

Databases: MongoDB, Firebase, MySQL, PostgreSQL

Tools & Dev: Git, GitHub, Docker, REST APIs, JWT, CI/CD, AWS

ACHIEVEMENTS

- Awarded scholarship with no tuition fee at college level
- Completed AI Agents in LangGraph course by DeepLearning.AI
- Completed MERN Stack course by Apna College (Delta 2.0)