

MUHAMMAD SAFIULLAH KHAN

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PERSONAL SUMMARY

Software engineer with expertise in problem-solving, data structures, algorithms, object-oriented paradigms, databases, and system design, with 250+ LeetCode challenges solved and ongoing work on scalable applications.

TECHNICAL SKILLS

Programming Languages:	Python, JavaScript
Frameworks & Libraries:	FastAPI, Flask, React
Databases:	PostgreSQL, MongoDB, Redis
Version Control & Environments:	Git, Linux, Docker

EXPERIENCE

Fantech Labs: Full Stack Developer Intern	Jul 2025 – Sep 2025
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Collaborated with senior engineers in an Agile, test-driven environment to deliver scalable full-stack solutions.

Main Project: Enterprise Operations Dashboard

Engineered a full-stack enterprise platform digitizing internal software house workflows for 200+ users, boosting operational productivity by 70%.

- Built async Flask services with Redis pub/sub for real-time updates, background processing, and notifications.
- Developed automated MySQL-driven analytics and reporting pipelines with modular React visualizations.
- Delivered secure, containerized deployment within isolated client infrastructure ensuring full data privacy.

PROJECTS

University Scheduler Platform	Aug 2025 – Oct 2025
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Deployed scheduling platform for one of Pakistan's largest university, enabling timetable access for students and staff.

- Built FastAPI backend with REST APIs for CSV upload, parsing, and PostgreSQL integration.
- Developed React admin dashboard for handling CSV, versioning, visibility, and announcements.
- Optimized bulk inserts (1.5k+ rows in 1–2s) with indexed search, and deployed via Docker with CI/CD.

Fintal	Apr 2025 – Jun 2025
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Fintal is a fintech app providing secure multi-role banking, automated billing, and real-time payment processing.

- Implemented ACID-compliant transactions with real Stripe API integration.
- Built secure backend in Core Java with BCrypt authentication, CSV bill automation, and MVC architecture.
- [Hashnode Article] • [Detailed Video Explanation]

EDUCATION

BS Computer Science , COMSATS University Islamabad	Sep 2023 – Present
CGPA: 3.95 / 4.00	

ACHIEVEMENTS & CERTIFICATIONS

DSA Bootcamp by Safi — Mentored juniors through a YouTube playlist on DSA in Urdu.

Technical Lead, CSS Society — Delivered hands-on web dev and CS workshops attended by 100+ students.

Campus Ambassador: Devsinc — Promoted Devsinc outreach and student engagement at COMSATS.

CS50x: Harvard University — Completed 10 problem sets and final project.

Meta Certified: Python & React — Certified in React, Python, and software engineering practices used at Meta.