

ZEESHAN SALEEM

SOFTWARE ENGINEER | FULL STACK DEVELOPER

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SUMMARY

Full Stack Developer focused on high-performance web applications and scalable APIs. Experienced in building production-grade platforms with Next.js and TypeScript, integrated with Go backends, PostgreSQL databases, and Docker containerization.

PROJECTS

DEPLOIFY: Your Go-To Cloud Deployment Solution (Final Year Project) | Go, Next.js 15

- Developed a Go-based 'RepoAnalyzer' to automatically detect tech stacks and microservices.
- Optimized system latency and throughput using Go's concurrency primitives, integrated with a Next.js 15 frontend.
- Built a custom PaaS (a competitor to Netlify, Vercel, and Railway) for one-click mono-repo deployments, implementing single-server containerization and AES-256 encryption for secure secrets management.

Community Knowledge Platform | Next.js 15, PostgreSQL, TypeScript

- Built a production-grade discussion platform featuring nested comments, topic threading, and server-side rendering (SSR).
- Removed dependency on external APIs by leveraging Next.js Server Actions for direct, type-safe database mutations.
- Designed a complex relational schema to handle user roles, subscriptions, and real-time content updates efficiently.

Student Management System API | Golang, Docker, REST

- Developed a high-performance API using Clean Architecture, Dependency Injection, and structured logging.
- Published a multi-stage Dockerfile to reduce image size and ensure consistent production deployment.
- Wrote comprehensive unit tests and implemented strict input validation using go-playground/validator.

SKILLS

- **Core Languages:** Golang (Proficient), TypeScript, C/C++, Java.
- **Frontend:** Next.js 15 (App Router), React, HTML, CSS.
- **Backend:** Node.js, REST API Architecture, Javascript.
- **Database:** PostgreSQL, Redis, SQL, MySQL, MongoDB.
- **Cloud and Systems:** Docker (Multi-stage builds), Linux (Bash), CI/CD (GitHub Actions), Nginx, Vercel, Netlify.

EDUCATION

Bachelor of Science in Software Engineering
University Of Central Punjab, Lahore

Nov 2022 - July 2026

CERTIFICATIONS

- Intermediate PostgreSQL – University of Michigan
- Database Design and Basic SQL in PostgreSQL – University of Michigan
- Introduction to Git and GitHub – Google
- Runner Up: HACK FORGE Hackathon 2025 (NUML)

ACHIEVEMENTS & EXTRACURRICULARS

- **Panel Participant:** II Cultural Diplomacy and Technology Forum – Canadian Center for Cultural Diplomacy (April 2026)