SUFYAN LIAQAT

Full Stack Engineer

Lahore, Pakistan

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SUMMARY

Full Stack Engineer with **2 years of experience** in building scalable web and mobile applications using MERN, Next.js, FastAPI and React Native. Strong background in REST/GraphQL APIs, authentication, performance optimization, and cloud deployment. Proven experience in delivering full-cycle solutions in collaborative, fast-paced environments.

EXPERIENCE

OrcaOps   **November 2025 – Present**

Software Engineer   *Remote*

- Developed **construction project management system** with FastAPI and PostgreSQL featuring task tracking and team collaboration.
- Eliminated N+1 queries using SQLAlchemy eager loading, reducing query execution time by 65%.
- Built **streaming platform** with Next.js SSR, increasing user retention by 40% via faster loads.
- Implemented production ready **notification system** using FCM boosting team communication efficiency by 50%.

BugMonks   **February 2025 – October 2025**

Associate Full Stack Developer   *Onsite*

- Built a **real estate analysis platform** that scrapes and analyzes rental data from apartments.com, calculating Cap Rate, DSCR, and other key financial metrics.
- Developed a **LinkedIn email marketing tool** with scraping and bulk campaign automation for lead generation.
- Implemented secure authentication, payment integration, and admin dashboards used by 2k+ users.

PROJECTS

AI Stylist – Personalized Fashion Assistant | Live | *MERN, Tanstack Query, ChatGPT API, fal.ai, Freepik API*

- Built AI fashion stylist with interactive questionnaires delivering personalized recommendations via fine-tuned LLMs.
- Integrated fal.ai virtual try-on, boosting user engagement by 55% and session time by 3.2 minutes.
- Implemented Freepik API for outfit generation, serving 10k+ combinations across 500+ users.
- Secured with JWT auth, Stripe payments, and leaky bucket rate-limiting handling 1k+ requests/min.

Project Management System | Live | *FastAPI, PostgreSQL, React, Celery, Redis, Socket.io, TypeScript*

- Created a Full Stack project management application with FastAPI and React featuring real-time updates.
- Implemented secure JWT auth, OTP verification, and rate limiting with FastAPI async, SQLAlchemy ORM, Pydantic.
- Integrated Brevo API with Celery workers for asynchronous email notifications (verification emails, password resets etc.)
- Developed intuitive drag-and-drop Kanban board using @hello-pangea/dnd with Tanstack Query and Redux Toolkit.

Grattan.ai – Real Estate Analytics Platform | *Node.js, Express, MongoDB, React, ChatGPT API, Bull, Redis*

- Real estate tool scraping apartments.com to calculate DSCR, CFBT, Cash-on-Cash, and IRR for property analysis.
- Automated rent comparison engine analyzing 500+ listings to compare amenities and pricing across apartments.
- Implemented Bull and Redis background processing for efficient CSV parsing and API-intensive calculations.
- Integrated ChatGPT API for intelligent property insights and investment recommendations from calculated metrics.

TECHNICAL SKILLS

Frontend: React.js, React Native, Next.js, Tailwind, Zustand, Redux Toolkit, Tanstack Query, TypeScript, JavaScript

Backend: Node.js, Express.js, FastAPI, MongoDB, PostgreSQL, GraphQL, Prisma, SQLAlchemy, Supabase, Redis

DevOps: Docker, Kubernetes NGINX, CI/CD (GitHub Actions), AWS (EC2, ECS, S3), Digital Ocean, Prometheus

Tools: Git, GitHub, Postman, VS Code, Socket.io, Stripe, Cloudinary, Swagger, Jira, Trello

EDUCATION

Comsats University Islamabad, Lahore Campus   **2023 – 2027**

BS Software Engineering   *Lahore, Pakistan*

Relevant Subjects: *Web Technologies, Database Systems, OOP, Communication Skills*