Furqan Ahmad

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Software Engineer | MERN & Next.js Developer

Software Engineer specializing in scalable **full-stack development** with **MERN** and **Next.js**, experienced in building and deploying production-grade web applications and integrating **cloud services (AWS)**. Completed **10+ real-world projects**, including AI-powered applications, with a focus on performance, reliability, and user experience. Seeking to contribute technical expertise to impactful projects in modern web and AI development.

EDUCATION

University of the Punjab (FCIT)   *Dec 2022 – June 2026*
Lahore, Punjab, Pakistan
Bachelor of Science in Software Engineering | **CGPA:** 3.53

EXPERIENCE

Campus Ambassador – Musketeers Tech   *Sep 2025 – Present*
- Represented **Musketeers Tech** within the **PUCIT** community of **3,000+ students**, engaging with peers to expand brand visibility.

Full Stack Developer Intern – Musketeers Tech   *July 2025 – Sep 2025*
- Built and deployed **7+** full-stack applications across AI, e-commerce, and property management domains.
- Contributed to scalable, production-ready features using **Next.js**, **Prisma**, **PostgreSQL**, **MongoDB**, **AWS S3**, **Tailwind**, **shadcn/ui**.
- Enhanced **automation workflows** with **AI-powered** features, significantly reducing manual debugging efforts and improving engineering team efficiency.

TECHNICAL SKILLS

Frontend: React, Next.js, Remix, Tailwind
Backend: Node.js, Nest.js, REST APIs, FastAPI
Databases: PostgreSQL, MongoDB, MySQL, Firebase, Supabase
Languages: JavaScript, TypeScript, Python, C++, C#, Java
Tools/Cloud: Docker, Git, JIRA, Figma, Cloudinary, Amazon S3

PROJECTS

- **Rent & Home:** Built a next-gen **real estate platform** that goes beyond generic apps with modern UI and robust backend. Integrated **Leaflet maps** for precise location filtering, improving search accuracy by **40%**, and **Cloudinary** for optimized media storage, reducing **load times by 35%**. With **multilingual support** via **next-intl** and dashboards cutting manual listing management by **50%**, the platform scales globally. **View Details   GitHub**
- **AI Code-Lab:** Architected a **full-stack coding platform** in Next.js, React, and TypeScript with MongoDB, Prisma, and NextAuth for secure **data management**. Integrated the **Monaco** editor for real-time code execution and leveraged the **OpenAI API** to auto-generate dynamic, personalized coding challenges with gamified progress tracking and rankings. **View Details   GitHub**
- **MERN Chat App:** Engineered a real-time chat application using the **MERN stack** and **Socket.IO**, implementing JWT authentication and **WebSocket** events to support multiple concurrent users with sub-second latency, showcasing strong full-stack integration skills. **View Details   GitHub**

and see 15+ more…

LICENSE AND CERTIFICATIONS

- CS50's Introduction to Programming with Python *(by Harvard University)*
- Advanced React *(by Meta)*
- Agentic AI and AI Agents: A Primer for Leaders *(by Vanderbilt University)*
- Web Dev with React & Node.js *(from YETP Lahore)*