

AMEER HAMZA

Software Engineer

Peshawar, Pakistan | +92 312 9240538 | ameerhamza9126@gmail.com
github.com/ameer-hamza26 | linkedin.com/in/ameer-hamza-a9169b261

SUMMARY

Full Stack Software Engineer specializing in scalable web applications and AI-powered solutions. Experienced in backend engineering, REST APIs, authentication, PostgreSQL, and modern JavaScript frameworks, with a focus on system design, performance, and delivering production-ready software.

TECHNOLOGIES

Languages	JavaScript, TypeScript, Python
Frontend	React.js, Next.js, Redux, TanStack Query, Zustand, Tailwind CSS
Backend	Node.js, Express.js, REST APIs, GraphQL, gRPC, WebSockets
Databases	PostgreSQL, MySQL, MongoDB, Chroma DB
Tools & DevOps	Git, GitHub Actions, Docker, Azure, Vercel, Railway, Koyeb

EXPERIENCE

Skyware IT Solutions — Full Stack Engineer (Peshawar, Pakistan)	Oct 2025 – Present
- Develop enterprise web applications for the hospitality industry, including Smart Hospitality solutions for a German client, and build/maintain Crito.io. - Design scalable REST APIs, authentication, and PostgreSQL solutions for reservations, guest management, room operations, billing, and property management. - Integrate third-party hospitality platforms and automate guest communication workflows via email, WhatsApp, and SMS.	
Digital Innovations — Software Engineer (Peshawar, Pakistan)	Jun 2025 – Sep 2025
- Developed full-stack web applications, integrating REST APIs, third-party services, and payment gateways. - Built responsive, cross-browser-compatible UIs and optimized backend performance through efficient database design. - Contributed to CI/CD implementation and code reviews, improving deployment reliability.	
Tech Forge Solutions — Frontend Developer (Peshawar, Pakistan)	Apr 2024 – Aug 2024
- Developed and maintained responsive web applications using React, integrating REST APIs with backend developers. - Implemented cross-browser-compatible interfaces following UI/UX best practices.	

PROJECTS

Crito Smart PMS — Skyware IT Solutions (Peshawar, Pakistan)	crito.io
- Developed core modules for a cloud-based, multi-tenant Property Management System for a German hospitality company, covering reservations, guest management, billing, and workflow automation. - Built scalable REST APIs and implemented authentication and authorization. <i>Tech Stack:</i> Node.js, Express.js, PostgreSQL, Microservices	
AI Chatbot Reservation System — Skyware IT Solutions (Peshawar, Pakistan)	
- Designed an AI-powered hotel reservation assistant using RAG and tool calling for natural-language booking and availability search. - Built real-time chat with WebSocket, integrated with backend reservation APIs. <i>Tech Stack:</i> Next.js, FastAPI, LangChain, RAG, WebSocket	
LiveArena — Sports Event Hosting System	
- Built a full-stack sports event platform for organizers to create tournaments, manage teams, and publish live scores and leaderboards. - Implemented secure authentication, role-based access control, and a scalable PostgreSQL backend. <i>Tech Stack:</i> Next.js, Node.js, Express.js, PostgreSQL	
Student Result Portal — Independent Project	uetquraniccenter.com
Designed and deployed a production-ready student result system with secure access, QR-code verification, and Excel-based result import. <i>Tech Stack:</i> Next.js, Node.js, Express.js, PostgreSQL, Sequelize	

ADDITIONAL INFORMATION

Education	BS Computer Science & Information Technology — UET Peshawar
Languages	Urdu (Native), English (Fluent)
Location	Peshawar, Khyber Pakhtunkhwa, Pakistan