Saqib Ayoub

Full-Stack Developer

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Professional Summary

Full-stack developer skilled in building responsive, scalable web and mobile applications. Proficient in React, Node.js, and Python with a strong foundation in backend development, clean UI design, and cloud deployment. Adept at problem-solving and cross-functional collaboration.

Technical Skills

Languages: C++, JavaScript, TypeScript, Python, Java, SQL
Frontend: React, Next.js, Tailwind CSS, React Native, Expo Router
Backend: Node.js, Express.js, Flask, REST APIs
Databases: MongoDB, MySQL, PostgreSQL
Tools: Git, GitHub, Postman, Vercel, JWT, Clerk, Socket.io, WebSockets, Stream, EmailJS, Framer Motion
DevOps/Cloud: Render, Vercel, Railway (basic deployment knowledge)

Experience

NLP Intern – AIQuantum.AI (Remote)   Dec 2023 – Feb 2024
Srinagar, India

- Developed an NLP-based recommendation system for personalized suggestions, improving accuracy by 20%.
- Handled data cleaning, preprocessing, and feature engineering for robust model performance.
- Deployed models to production using APIs and collaborated with cross-functional teams.

Education

National Institute of Technology, Srinagar   Sept 2021 – July 2025
B.Tech in Computer Science and Engineering
CGPA: 8.219 / 10

Projects

Leafy – Apple Leaf Disease Detection App   React Native, Flask, TensorFlow, Clerk, Expo Router

- Built a mobile app to detect apple leaf diseases using TensorFlow models and Flask backend APIs.
- Integrated image classification, disease detection, and a pesticide recommendation system.
- Implemented Clerk for user authentication with protected routes and conditional navigation.
- Designed responsive UI with tabs for Scan, Expert Contact, and Store using Tailwind CSS.
- Enabled shopping cart functionality with quantity tracking and simulated checkout experience.

VidMeet – Video Conferencing Platform   Next.js, TypeScript, Clerk, Stream, Tailwind CSS

- Developed a real-time video conferencing app with screen sharing and session recording.
- Added participant control and authentication using Clerk to enhance security.
- Designed a fully responsive UI for smooth experience on mobile and desktop.

YouChat – Real-Time Chat Application   MERN Stack, WebSockets, JWT, TailwindCSS, TypeScript

- Created a real-time chat system supporting group and private messages using Socket.io.
- Used JWT for secure login and authentication across routes.
- Ensured real-time syncing and efficient message rendering with minimal latency.

Interactive 3D Portfolio Website   Next.js, TypeScript, Three.js, React Three Fiber, EmailJS

- Designed a 3D interactive portfolio with project showcases and animated sections.
- Integrated EmailJS for direct contact and used Framer Motion for smooth UI transitions.
- Optimized site for mobile responsiveness and performance across all devices.

Achievements & Activities

- Solved 800+ coding problems on LeetCode and GeeksforGeeks.
- Completed certified courses in DSA and Web Development (Coursera, Udemy).
- Actively contributed and mentored team projects during internships and academic projects.
- Continuously learning about system design, DevOps, and scalable architectures.

Languages

English: Professional — **Hindi/Urdu:** Native — **Kashmiri:** Native