

Ali Waris

Full Stack Software Engineer

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PROFILE

Full stack engineer with 1+ years of production experience shipping React, Vue, and Node/Django-based applications. Builds scalable, well-architected frontend systems and integrates them cleanly with REST APIs and relational databases.

SKILLS

Frontend & Mobile Development: React Native, React, Next.js, Expo, TypeScript, JavaScript, HTML, CSS, Tailwind, Bootstrap | Testing: Jest, React Testing Library, Detox

Backend Development: Node.js, Express, RESTful APIs, GraphQL, MySQL (schema design & query optimization), OOP & MVC architecture | Python (Intermediate): Django, FastAPI

AI/ML & Automation: LangChain, TensorFlow, RAG, AI Agents, N8N automations

PROFESSIONAL EXPERIENCE

Associate Software Engineer — CodeSuite

May 2025 – Present

- Improved frontend maintainability across 3+ production web applications, as measured by a reduction in duplicate UI code, by architecting reusable component libraries in React.js and Vue.js following MVC/component-based design principles.
- Increased page responsiveness and cross-browser consistency, as measured by zero layout-breaking bugs reported post-release, by building UI layers with Tailwind CSS, HTML, and CSS grounded in OOP-driven component structuring.
- Reduced frontend-backend integration time, as measured by faster feature turnaround across sprints, by independently designing and consuming REST APIs that connected cleanly to Node.js, FastAPI, and Django services.
- Strengthened data handling reliability, as measured by fewer query-related bugs in QA, by applying database fundamentals (schema awareness, query structuring) while working with MySQL across application features.
- Accelerated team velocity, as measured by faster sprint cycle completion, by collaborating cross-functionally with backend engineers on system architecture decisions while also working independently to own end-to-end frontend features.
- Improved application performance and load times, as measured by reduced render and response delays, by profiling and optimizing JavaScript code paths and resolving cross-browser compatibility issues.
- Increased deployment quality, as measured by a drop in post-deployment hotfixes, by debugging and testing existing features and enforcing clean code and version control best practices across releases.

PROJECTS

Student Portal

- Developed a University Portal using React (frontend) and FastAPI (backend) following MVC architectural principles
- Implemented user registration, login, and role-based access control using OOP-structured backend services
- Integrated secure JWT authentication for protected routes
- Connected REST APIs with React for a smooth and responsive user experience
- Managed student data and system workflows using relational database design in MySQL

Shuttle Service App

- Worked on the frontend of the shuttle service app using Vue.js
- Built reusable components to ensure scalability and maintainability
- Developed responsive UI layouts for a smooth user experience
- Collaborated with backend (Node.js) for API integration and data flow

Expense Tracker

- Developed an Expense Tracker application using Vue 3 (Composition API)
- Implemented clean and modular code structure for scalability
- Managed reactive state to handle dynamic user inputs efficiently
- Displayed real-time financial data with optimized performance

Social Media – Web & Mobile Application

- Developed a social media full-stack web and mobile application
- Built responsive and engaging user interfaces for web and mobile
- Integrated APIs to enable dynamic and personalized content
- Ensured smooth performance and cross-platform compatibility
- Collaborated with the team to implement features and enhancements
- Identified and fixed bugs to improve overall user experience

SaaS / Healthcare Web Platform

- Contributed to the Healthcare web application focused on senior wellness and safety
- Implemented and enhanced frontend features and dashboard workflows
- Developed user-facing components including questionnaires and profile management
- Ensured scalable architecture and maintained clean, efficient code practices

EDUCATION

BS in Robotics — Superior University, Lahore *2023 – 2027*

Coursework spans software systems, OOP, and embedded/applied engineering; actively working as a full stack engineer in parallel with degree completion.