

MUHAMMAD WARIS

Full Stack Developer

+92-342-4899609 | m.waris390@gmail.com | Gujrat, Pakistan (**willing to relocate or work remotely**)
waris.dev | github.com/mwaris390 | linkedin.com/in/mwaris390/

Summary

Full Stack Developer with **3+** years of experience in an agile environment. Developed enterprise web and mobile applications using React, Next.js, Angular, Node.js, Express.JS, Prisma, Ionic and React Native. Experienced in leading frontend architecture, backend development, API design and database integration. Delivered scalable solutions for HR, manufacturing sectors.

Experience

Full stack Developer

Oct 2023 - Present

Technoverse

Gujrat, Pakistan

- Architected and delivered an enterprise **HR Management System** for a **Saudi** security company, designing backend services, database models, role based access control (**RBAC**), attendance processing, duty deployment workflows, payroll integrations and geolocation enabled site coordination. Supported **1,000+** employee records while reducing manual inquiry time by **90%** through automated workforce management processes.
- Led development team of 2 for high throughput **Inventory and POS System** with barcode processing, employee authentication, transaction management, reporting services and thermal printing integration. Successfully supported **10,000+** daily transactions while reducing manual distribution time by **80%**.
- Led development team of 4 for a **Quality Control Management System** for a **food manufacturing** company, architecting workflow engines, dynamic form management services and reporting pipelines processing **10,000+** records daily. Reduced report generation time by **80%** and paper usage by **90%** through process automation and centralized data collection.
- Architected and delivered a scalable modular **ERP** frontend for a **packaging manufacturer**, building integrated systems for HR, supplier management, inventory, warehouse operations, production planning, quality control and finance. Streamlined operational workflows by reducing paper based processes by **80%** and improving inventory organization across multiple warehouses.
- Transformed Figma designs into pixel perfect responsive interfaces for a **German social media** mobile application. Developed the **RESTful** APIs of real time voting system, allowing users to react to photos, videos and text content with dynamic community sentiment percentages for engagement visualization.
- Developed an offline first Machine Health Monitoring mobile application enabling technicians to upload operational metrics both online and offline using SQLite synchronization. Improved field reliability in low connectivity environments while reducing manual documentation effort by **90%**.

Intern Software Engineer

Jul 2023 - Sept 2023

Technoverse

Gujrat, Pakistan

- Contributed with **UI/UX** and backend teams on frontend development and **RESTful APIs** design for efficient, high quality web applications. Delivered reliable, timely solutions through strong coding skills and quick learning, earning recognition from senior developers and securing a **full time** position

Projects

ClinicMS

- Developed a custom **clinic management system** for an **eye clinic** that enables role based (**RBAC**) user access with JWT Authentication, seamless appointment scheduling and actionable patient insights for improved healthcare operations. Managed **1000+** patient data.
- Using Next.js, React, Shadcn UI, TypeScript and PostgreSQL and successfully deployed on Vercel.

MedicAsk

- Built an AI powered healthcare assistant mobile application integrating image based medicine recognition and conversational AI responses using OpenRouter APIs and device camera capabilities.
- Using React Native, Expo, OpenRouter AI API, qwen3-4b AI Model and Expo Camera.

CTI Tracker

- Built an **inventory management** mobile app for a **timber warehouse** that reduced manual data entry by **80%** for field teams.
- Using Angular and Ionic with direct entries in Google Sheets and deployed on both iOS and Android platforms.

Skills

Frontend: HTML, Bootstrap, Shadcn, Material UI, TailwindCSS, React.js, Next.js, Angular.js, Redux toolkit, Zustand, React Query

Backend: Node.js, Express.js, Prisma

Mobile: React Native, Expo, Ionic

Database: PostgreSQL, MySQL, SQLite, MongoDB, Firebase, Supabase, PrismaPostgres, NeonDB

DevOps and Tools: Docker, GIT, Vercel, Render

Others: JavaScript, TypeScript, Google APIs, AI integration, Socket.io, JWT

Education

Bachelor of Science in Software Engineering

Sept 2019 - Sept 2023

University of Gujrat

- Ranked **3rd** in the final semester with a **3.56** GPA.