

UZAIR ARIF

Senior Full Stack Developer | MERN & React Native

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PROFESSIONAL SUMMARY

Senior Full Stack Developer with nearly five years of experience across React, Next.js, TypeScript, Node.js and React Native / Expo. Builds trading SaaS, marketplaces, payment workflows and cloud deployment platforms, with hands-on responsibility for builds, deployments, debugging and code reviews.

TECHNICAL SKILLS

Frontend & mobile: React, Next.js, React Native, Expo, TypeScript, JavaScript, Redux Toolkit, TanStack Query, Tailwind CSS, Material UI, Chakra UI

Backend & data: Node.js, Express, REST APIs, Worker Threads, Streams, Socket.IO, MongoDB, MySQL, Redis, BullMQ, Apache Kafka, Maxwell (CDC), Web Scraping

Cloud & delivery: Docker, Nginx, Oracle Cloud, Cloudflare Workers, GitHub webhooks, CI/CD

Integrations & access: LLM APIs, Twelve Data, Binance API, Polygon, Stripe Connect, SendGrid, Mailgun, Plesk, JWT, OAuth2, RBAC

PROFESSIONAL EXPERIENCE

Senior MERN Stack / React Native Developer | Interware PVT

Apr 2024 - Present

Trading SaaS platform

Trading SaaS Platform

- Developed React web and React Native applications combining trading-book interfaces, EA strategies, master-to-follower copy trading and AI chat.
- Built role-specific workflows within the trading platform for Super Admin, Admin, Super Broker, Broker and User roles.
- **Trading bot:** Built automated market-price and indicator monitoring, position-opening logic and configured profit/loss controls.
- **Market-data microservice:** Collected live prices for approximately 4,000 symbols from a Meta-platform scraper, Binance WebSocket streams and Polygon, with Twelve Data fallback.
- Used Apache Kafka and Maxwell to monitor database changes for newly opened trading positions.
- **Server-health microservice:** Displayed node health, load, user counts and available resources in Super Admin; supported horizontal/vertical scaling, adding capacity and moving users between servers.
- Integrated external ML inference for trading signals within the trading platform.

Backend Engineering & Application Delivery

- Developed concurrent Node.js backend workflows using worker threads, Redis coordination, multi-core clustering and backpressure-aware streams.
- Handled Expo / React Native application builds and application deployments; investigated issues and delivered code fixes.
- Performed code reviews alongside full-stack feature development and application debugging.

PROFESSIONAL EXPERIENCE - CONTINUED

Associate Software Engineer | Shayan Solutions

Jan 2023 - Apr 2024

- **Mutammad | Freelance Marketplace:** Built milestone escrow, contract workflows and persistent multi-room Socket.IO messaging using React, Node.js, Express and MongoDB.
- **Egressif | Email Automation:** Developed email automation workflows with SendGrid delivery and Plesk API integrations.
- **Askdin AI | Backend APIs:** Developed JWT-authenticated REST APIs supporting access to AI product services.

Full Stack Developer Intern | Contour Software

Oct 2022 - Jan 2023

- Developed SaaS applications, multi-vendor e-commerce stores and admin dashboards with Next.js, React, Node.js and MongoDB.
- Integrated Stripe payments, webhook reconciliation, role-based access and real-time Socket.IO notifications.

Frontend Developer | ST Software

Nov 2021 - Sep 2022

- Built responsive React and Material UI interfaces and reusable components for desktop and mobile.
- Integrated REST APIs and managed frontend state for data-driven screens.

ADDITIONAL PROJECT EXPERIENCE

Self-Service Website Hosting Platform

- Built a self-service website hosting platform with paid plans, Docker-based builds and one-click deployment from reusable templates.
- Implemented GitHub repository ingestion, Redis/BullMQ build queues, live build logs and Nginx routing for hosted websites.

Websites & Booking

- **Shangrila restaurant website:** Built a restaurant website with an admin panel and payment integration.
- **Tourism booking website:** Developed a tourism website supporting booking workflows.

AI Claim Verification & RAG Pipeline

Decomposed articles into claims for parallel source checks; applied structured-output validation, retries, multi-model fallback routing, and edge authentication and caching.

Distributed Messaging & E2EE Chat

Implemented messaging across application instances with a Redis adapter, client-side encryption key exchange, offline queues, delivery states and streamed attachments.

Escrow & Payment Settlement Engine

Designed a double-entry ledger for pending, escrowed and disbursed funds with idempotent webhook handling, deduplication, background processing and dead-letter recovery.

EDUCATION

BS Software Engineering | Government College University, Faisalabad

Sep 2017 - Sep 2021 | CGPA: 3.21 / 4.00

Capstone: Real-Time Order & Dispatch Platform - built with React and Node.js.

Languages: English - full professional proficiency; Urdu - native/bilingual.