

RIZWAN AHMAD

Senior Full-Stack Developer | Node.js & React.js | Next.js | Python | Solidity

rizwanssv@gmail.com • +91 7523088370 • Open to Remote / Hybrid / On-Site • linkedin.com/in/rizwan-ahmad-4bb749130

SUMMARY

Architecturally minded Senior Full-Stack Developer focused on designing scalable microservices and real-time distributed platforms. Advanced expertise in Node.js, Python, React, C#, Java, PostgreSQL, Redis, and multi-cloud infrastructure (AWS/GCP). Skilled in dual-currency transaction engine flows, Web3 smart contract/API integrations, and event-driven backend systems. Passionate about driving engineering excellence, reducing system latency, and delivering fault-tolerant cloud solutions from zero to deployment.

SKILLS

Node.js, React, Javascript, TypeScript, Next.js, NestJS, Python, NoSQL, MongoDB, Firebase, PostgreSQL, FastAPI, GCP Cloud, WebSockets, Pub/Sub, Redux/Zustand, Cloudflare, AWS S3 bucket, AWS, Docker, CI/CD, GIT, MERN, Unit Test, Jenkins, Claude Code, Google Antigravity, Gemini API, Google AI Studio, C#

EXPERIENCE

Senior Full-Stack Developer 01/2024 – Present | Remote

Digitalix Inc

- Architected and built a high-throughput gaming platform from scratch, engineering complex dual-currency transactional flows and robust backend logic.
- Built multiple microservices using Node.js and Python (FastAPI) for the Weje platform and used MongoDB and SQLAlchemy for DB and Schema, integrating those services into the micro-frontend architecture.
- Designed, deployed, and managed fault-tolerant, containerized microservices on GCP Cloud Run, optimizing PostgreSQL and Redis for low-latency data retrieval and high concurrency.
- Integrated Gemini models (Gemini Flash) to power automated workflow of Prediction Market feature.

Technical Lead 01/2023 – 12/2023 | Lucknow, India

Websultanate Software Technologies, Pvt Ltd

- Spearheaded the migration of a legacy monolithic architecture to a highly scalable Node.js microservices ecosystem, driving a 30% reduction in infrastructure costs.
- Led multiple teams of software engineers to build scalable, fault-tolerant production projects.
- Managed sprint planning, code reviews, performance evaluations, and architectural standards across cross-functional teams.

Senior Software Developer 07/2020 – 12/2022 | Lucknow, India

Websultanate Software Technologies, Pvt Ltd

- Developed and maintained multiple client projects using React.js, Next.js, Node.js, and MongoDB. Built Unity game scripts with C# for different interactive games.
- Collaborated with cross-functional teams to define project requirements and delivery timelines.
- Interacted directly with enterprise clients via 1-on-1 calls for project technical architecture and requirement gathering.

EDUCATION

Master of Computer Application (MCA) 08/2018 – 05/2021 | Hyderabad, India

Maulana Azad National Urdu University, Hyderabad

Bachelor of Computer Application (BCA) 08/2015 – 05/2018 | Lucknow, India

Khawaja Moinuddin Chishti Urdu Arabi Farsi University, Lucknow

KEY ENGINEERING PROJECTS

WEJE (Event-Driven Microservices Platform)

- Implemented an event-driven microservices architecture utilizing Google Cloud Pub/Sub for asynchronous messaging, decoupling core services to handle high-volume gaming events with low latency using Node.js and Python FastAPI backend services.
- Designed, deployed, and managed fault-tolerant, containerized microservices on GCP Cloud Run, optimizing PostgreSQL and Redis for high concurrency and strict data consistency.
- Owned end-to-end system reliability and performance tuning, significantly reducing API response times for consumer-facing marketplace features.

Cloud Poker Night (Real-Time Multiplayer Gaming Platform)

- CPN is an event-based online Poker game platform with real dealers built with Node.js and WebSockets, using Redis for cache and Redis adapter for synchronization with multi-pod environments.
- Real-time multiplayer platform with live streaming and video calls with rail and multi-table views of tournaments.
- QR Code Scanner integration for card dealing and seamless physical-to-digital gameplay.
- Real-time video conferencing and chat with end-to-end encryption.

Cricclubs RTMP Streaming Bridge

- Engineered a custom React Native bridge tool for the Cricclubs app to support high-performance RTMP live streaming with dynamic HTML overlays.
- Integrated native iOS frameworks, including HaishinKit, RTMPHaishinKit, and MetalKit, to ensure optimal video rendering and seamless cross-platform mobile functionality.

Scrooge Casino (Dual-Currency Gaming & Web3 Platform)

- Architected and built the high-throughput scrooge.casino gaming platform from scratch, engineering complex dual-currency transactional flows and robust backend logic.
- Led seamless integration of major third-party game aggregators and external providers into the core system using robust REST APIs and secure webhooks.
- Built NFT marketplace using Thirdweb SDK, and utilized Web3.js in React app and backend to verify NFT token holdings and automated bonus claims.

Qokoon.ai (SEO Engine & Headless CMS Architecture)

- Engineered dynamic template page generation in Next.js and Gatsby.js to programmatically generate scalable, SEO-optimized landing and feature pages.
- Implemented Server-Side Rendering (SSR) and static site generation workflows to optimize page loading speed, improve Core Web Vitals, and enhance search engine indexability.
- Integrated Strapi Headless CMS with custom webhooks and API endpoints, empowering non-technical teams to manage dynamic site content efficiently without redeploying frontend code.
- Optimized client-side rendering and asset delivery, reducing overall bundle size and improving initial page interactive response times.

LANGUAGES

- English: Full Professional Proficiency
- Hindi: Full Professional Proficiency
- Urdu: Full Professional Proficiency