

Inam Ullah

Senior Software Engineer (React / Next.js / Node.js)

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PROFESSIONAL SUMMARY

Senior Software Engineer with 5+ years of experience building production-grade SaaS platforms across fintech, AI, and enterprise domains. Specialized in React, Next.js, and Node.js/NestJS, with a strong focus on performance optimization, scalable architectures, and cloud-native deployments. Proven ability to lead remote teams, ship fast under real-world constraints, and deliver end-to-end products from concept to production. Comfortable with async communication and remote-first workflows.

SKILLS

Frontend: JavaScript, TypeScript, React.js, Next.js, Tailwind CSS, shadcn/ui

Backend: Node.js, NestJS, Express, Firebase, REST & GraphQL APIs

Databases: MongoDB, Redis, PostgreSQL, MySQL

Cloud & DevOps: AWS, GCP, Docker, GitHub Actions, Vercel

State Management: Redux Toolkit, Zustand, Context API, React Query

Testing & Quality: Jest, React Testing Library, API testing, component testing, CI-based test pipelines

Real-Time & Messaging: Socket.io, WebSockets, Pusher, Firebase Cloud Messaging (FCM), push notifications

Architecture & Practices: RBAC, SSO, Monorepos, CI/CD, ChatGPT / LLM integrations

PROFESSIONAL EXPERIENCE

MBAL Investments LLC, Dubai, UAE - *Senior Software Engineer - Remote*

JULY 2023 - PRESENT

- **Architected the Capital M investment platform from scratch using Next.js and MongoDB**, delivering a scalable, high-performance system with secure APIs and multi-portfolio support.
- **Built SEO-optimized applications with Next.js SSR/ISR**, ensuring fast rendering, strong Core Web Vitals, and clean, maintainable architecture.
- **Integrated ChatGPT and built an AI-powered Investment Opportunity Advisor**, enabling contextual insights and automated investor assistance using advanced LLM workflows.
- **Implemented Firebase Authentication and Firestore** for secure, real-time data sync and robust permission handling across user applications.

- **Developed modern, responsive UIs with Tailwind CSS and shadcn/ui**, using code splitting, lazy loading, and optimized rendering patterns for top-tier performance.
- **Utilized Google Cloud Platform (GCP)** for AI processing, background tasks, and secure, scalable deployments.

ILI Digital, Lahore, Pakistan - *Software Engineer*

SEPTEMBER 2020 - MAY 2023

- **Led large-scale JavaScript-to-TypeScript migrations across multiple enterprise codebases**, improving maintainability, reducing production issues, and enabling more reliable development workflows.
- **Architected robust RBAC, custom SSO systems, and scalable REST APIs using Express.js and MongoDB**, ensuring secure authentication, efficient access control, and high-performance backend operations.
- **Developed full-scale platforms and dashboards**, including HRMS (employee management, payroll, attendance), fintech simulations, and marketing websites—while integrating third-party APIs such as payment gateways, analytics, and CRM tools to automate business workflows.
- **Implemented advanced form validation and reusable UI systems**, using React Hook Form, Formik, Tailwind CSS, Bootstrap, Ant Design, and Chakra UI—resulting in pixel-perfect interfaces, UI consistency, and reduced user input errors.
- **Managed development teams through code reviews, sprint planning, and release cycles**, collaborating with designers to ship high-quality features on time and delivering scalable applications for fintech, e-commerce, and enterprise clients.

KEY PROJECTS

- **Covertly AI - AI-Powered Document Intelligence Platform** - *Next.js, NestJS, TypeScript, Python FastAPI, GPT-4, Chroma DB*
Built an AI-driven platform for intelligent document ingestion, semantic search, and conversational Q&A using LLMs and vector databases, enabling fast insights from large document sets.
- **Capital M - Investment & Portfolio Management Platform** - *Next.js, MongoDB, OpenAI, Shadcn, Tailwind CSS, Vercel*
Architected and delivered a production-grade investment platform with secure APIs, multi-portfolio support, SEO-optimized dashboards, and AI-powered investment insights.
- **Hutfin - Commercial Real Estate Platform** - *NestJS, MongoDB, RabbitMQ, Docker, AWS*
Developed a scalable microservices-based backend supporting property listings, workflows, and async processing using message queues and cloud-native architecture.
- **Octonius - Task & Workflow Management Platform** - *Node.js, Express.js, MongoDB, Microservices, Docker*
Built a modular task management system with role-based access, scalable APIs, and containerized services for reliable deployment and maintenance.
- **HRMS - Human Resource Management System** - *MERN Stack*
Designed and implemented a full-featured HRMS, including employee management, payroll, attendance tracking, and admin dashboards for internal operations.

EDUCATION

University of Engineering and Technology, Lahore

BS Computer Science (2016 - 2020)

LANGUAGES

- English (Fluent)
- Urdu (Native)