

AL AMEEN S

FULL STACK MERN DEVELOPER & SOFTWARE ENGINEER

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Profile Summary

Performance-driven Software Engineer specializing in the MERN stack, TypeScript, Node.js, and scalable backend architectures. Expert in designing highly decoupled web systems using Clean Architecture, Event-Driven Architecture, Microservices, CQRS, and strict SOLID principles. Adept at handling highly concurrent workflows, message brokers, database index tuning, and containerized cloud deployments. Passionate about engineering high-availability enterprise platforms that scale.

Technical Skills

Languages & Frontend: JavaScript (ES6+), TypeScript, SQL • React.js, Next.js, Vite, Redux Toolkit, Tailwind CSS, HTML5, CSS3

Backend & Architecture: Node.js, Express.js, REST APIs, GraphQL, gRPC • Microservices, Clean Architecture, SOLID Principles, CQRS, Event-Driven Architecture, RBAC, System Design • MongoDB, Redis, MySQL, Firebase, Elasticsearch

DevOps & Realtime: Docker, Kubernetes, AWS (EC2, S3), CI/CD (GitHub Actions), Nginx, WebRTC, Socket.IO, Apache Kafka, BullMQ, RabbitMQ, Google Gemini, Cloudinary, Git, Postman

Professional Experience

Full Stack Developer

Kochi, India

Enterprise Billing Software Development

April 2026 – May 2026

- Worked on leveling up enterprise billing software to a highly scalable architecture, enhancing inventory control flows, high-throughput invoicing, and secure client-handling subsystems.
- Spearheaded the legacy code migration from **JavaScript** to **TypeScript**, substantially raising system-wide type-safety, modular testing capabilities, and long-term codebase maintainability.
- Refactored decoupled application modules toward enterprise **Clean Architecture** and **Repository patterns**, structurally segregating core business logic from concrete database frameworks.

Key Projects

Maan – Scalable Microservices Social Media Platform

[GitHub Link](#)

Tech Stack: React, Node.js, Express, MongoDB, Elasticsearch, Apache Kafka, Docker, Microservices, Poly-Repo

- Engineered a decoupled social media application utilizing a **poly-repo architecture** to isolate **microservices** for user-services, posts, chats, media, feed, and notifications.
- Implemented the **CQRS (Command Query Responsibility Segregation) pattern**, separating write operations in **MongoDB** from real-time high-throughput read operations using **Elasticsearch**.
- Leveraged **Apache Kafka** as an asynchronous event-driven backbone to broadcast mutations and synchronize the read-model index with millisecond execution latency under heavy concurrent loads.
- Containerized microservices using multi-stage **Docker** builds to establish reliable continuous deployment workflows across frontend client modules and backend environments.

ZipDrinks – Full Stack eCommerce Platform

[GitHub Link](#)

Tech Stack: React.js, Vite, Redux Toolkit, Node.js, Express.js, MongoDB, Razorpay, PDFKit, ExcelJS

- Developed a full-stack e-commerce platform using **React**, **Node.js**, **Express.js**, and **MongoDB** with **JWT authentication**, **Google OAuth**, and granular role-based access control (**RBAC**) layers tailored for users and administrators.
- Implemented a complete shopping workflow incorporating advanced client capabilities like coupons, user wallet engines, automated referral metrics, **Razorpay** integration, order returns, and real-time invoice generation.
- Built an analytical admin dashboard for managing catalog entities alongside database-driven sales reporting pipelines utilizing **PDFKit** and **ExcelJS** to systematically export dynamic PDF and Excel data sheets.

Real-Time Chat Application

[GitHub Link](#)

Tech Stack: React, Redux Toolkit, Node.js, Express.js, MongoDB, Mongoose, Socket.io, WebSockets, Tailwind CSS

- Developed a highly interactive real-time chat application using the **MERN stack**, enabling bidirectional, persistent low-latency instant messaging over integrated **Socket.io** and native **WebSocket** channels.
- Built concurrent real-time features including online/offline presence tracking, unread message badges, live state synchronization, and **Google OAuth** authorization backed by secure HTTP-only cookies.
- Designed scalable backend REST APIs using an Express layered framework (**Controller–Service–Repository pattern**) with structured **Mongoose** query abstraction and decoupled client state via **Redux Toolkit**.

ResellApp – Full-Stack P2P Recommerce Marketplace

[GitHub Link](#)

Tech Stack: React, Redux Toolkit, Firebase (Auth, Firestore), Cloudinary, Tailwind CSS, Vite

- Developed a full-stack peer-to-peer e-commerce marketplace using **React**, **Redux Toolkit**, **Firebase**, and **Vite**, featuring protected routes, secure user session allocations, and modular state distributions.
- Implemented comprehensive product CRUD functionalities enabling users to fluidly add, modify, and delete independent store listings while delegating asset payloads safely through highly optimized **Cloudinary** image uploads.
- Built a persistent shopping cart and robust order execution workflow over **Firebase Firestore**, achieving continuous cart state survival, automated checkout validations, and strict sold-item availability parameters.

Education

Brototype

Kochi, India

Professional Training in Full Stack MERN Development

May 2025 – Present

- Completed intensive, project-driven software engineering training centered on building production-ready architectures, concurrent real-time database mechanisms, and optimized systems.
- Recognized as the **Overall Best Performer** (January 2026) out of the cohort for demonstrating exceptional technical architecture execution and consistent project delivery.

Lajanathul Muhammadiya Higher Secondary School

Alappuzha, India

Higher Secondary Education (Class 12)

2023 – 2025

Languages

English (Professional Working Proficiency) · Malayalam (Native)