SHAMSUDHEEN S

+91 9746095567 | shamsudheensofficial@gmail.com | Portfolio
https://www.linkedin.com/in/shamsudheens | https://github.com/shamsudheens

SUMMARY

Full stack developer with 2+ years of coding experience and 1 year in professional development. Led, developed and delivered 3+ projects from scratch, handling both frontend and backend with a focus on clean, reliable solutions.

SKILLS

Programming: Javascript, Typescript, Java, C++, C

Frontend: React.js, Next.js, Redux Toolkit, Tailwind CSS, Shadcn UI, Framer Motion, Figma

Backend & API: Node.js, Express.js, REST APIs, MVC Architecture, JWT

Databases & Cloud: MongoDB, PostgreSQL,Type ORM, MySQL, Redis, Supabase, AWS (EC2, S3), Nginx, Cloudflare

Tools & Technologies: Git, Github, Postman, Stripe ,Gemini APIs, Swagger,MCP Server

PROJECTS

XeroCare | *Next.js, Node.js, TypeScript, PostgreSQL, Redis, RabbitMQ, R2, JWT, Microservices Architecture*   Code | In-Progress

- Architecting a microservices-based ERP + CRM platform for printer industry operations, designed to support **5,000+** concurrent users with **99.9%** uptime.
- Implementing JWT + Refresh Token authentication, RBAC permissions, 2FA, and complete audit logging for secure multi-branch access control.
- Developing CRM and Sales modules including lead management, customer 360°, sales pipeline, quotation builder, and rental/leasing workflows.
- Building advanced Inventory & Service modules with serial number tracking, multi-location stock, automated purchasing, AMC contracts, and service ticketing with SLA monitoring.
- Engineering the backend with PostgreSQL, Redis, and RabbitMQ, ensuring API response times < **200ms** and scalable real-time workflow processing.

InstaViz | *Next.js, Node.js, Mongo DB, TypeScript, MCP , Vercel, AWS(EC2), Supabase, R2, Gemini APIs, JWT*   Live | Code | Nov-2025

- Built an AI-powered data visualization tool capable of transforming CSV data into dynamic charts and accurate insights with **100%** consistency across datasets.
- Used two Gemini models—one dedicated to chart generation and another lightweight model for handling conversational responses—optimizing performance and token usage.
- Implemented an **MCP** server for CSV data aggregation, cutting redundant **Gemini API** requests and reducing token usage by **50%**.
- Implemented JWT authentication with access and refresh tokens for secure and scalable user authorization.
- Integrated Google **OAuth** login, reducing login friction by **60%**, and implemented Stripe payments to enable secure, reliable transactions.
- Built an advanced admin dashboard with real-time analytics, including user active time tracking and device-based login insights (mobile vs. desktop).
- Built a device-level session tracking system that displays all logged-in devices (mobile/laptop) and supports remote logout, improving account security by **70%**.

Letsellr | *Next.js, Node.js, TypeScript, Mongo DB, AWS (EC2,S3),Shadcn Ui*   Live | Code | October-2025

- Built a full-stack property management platform enabling listing, tracking, and management of properties — improving client–contractor communication and operational efficiency.
- Implemented AWS S3 signed URL uploads for image storage, reducing backend payload size by **80%** and improving upload performance by **60%**.
- Delivered the project end-to-end as a freelance assignment — from UI/UX design to backend & infrastructure — demonstrating initiative, ownership, and full-cycle development ability.

PROFESSIONAL EXPERIENCE

MERN Stack Intern   **May-2025 - Present**

- Designed and deployed **scalable system architectures** by splitting services across multiple server instances and implementing **load balancers**, improving availability and traffic handling.
- Built and maintained production-grade full-stack applications using **Next.js**, **Node.js, TypeScript**, **MongoDB**, and **PostgreSQL**.
- Optimized backend performance using **Redis** caching and efficient **API** design, achieving response times under **200ms** for high-traffic endpoints.
- Implemented secure authentication and authorization using **JWT** access & refresh tokens, **OAuth**, and **RBAC**.
- Delivered end-to-end solutions including UI/UX, backend logic, database design, and cloud infrastructure.
- Collaborated with **real clients**, translating business requirements into scalable technical solutions.

EDUCATION

MES College Marampally , Aluva   **Sep-2022 - March-2025**
Bachelor of Computer Application   *CGPA: 7.46*

- Led the **InKrit 3.0** TechFest, managing technical events, coordination, and team operations.