

Shakeb Hassan Shamsi

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Software Engineer | Bangalore-17

TECHNICAL SKILLS

Languages: JavaScript (ES6+), Python, TypeScript, HTML5, CSS3.

Frontend: React, Next.js, Redux, Tailwind CSS.

Backend: Node.js, Express.js, REST APIs.

Databases: MongoDB, MySQL, PostgreSQL.

Tools: Git, GitHub, GitLab, BitBucket, Figma, PowerBI, Tableau.

Concepts: Performance Optimization, Scalable UI, Microservices, Microfrontends, Accessibility.

EXPERIENCE

Fullstack Developer

Aug 2024 – Present

K&A Software Solutions

Bengaluru

- Engineered and maintained end-to-end full-stack features using React.js, Node.js, Express, and RESTful APIs, ensuring seamless client-server integration.
- Designed and developed scalable backend services with structured routing, controllers, and middleware, enabling efficient handling of business logic and API requests.
- Built responsive and high-performance user interfaces using React.js, Tailwind CSS, Flexbox, and Grid, focusing on reusable and modular component architecture.
- Implemented client-side and server-side optimizations, reducing unnecessary re-renders and improving API response efficiency and overall performance.
- Integrated APIs and managed application state using Context API, optimizing data flow between frontend and backend systems.
- Collaborated across the development lifecycle, contributing to database interactions, feature design, debugging, and deployment-ready code.

PROJECTS

NexLaby | Platform as a Service (PaaS)

- Architected multi-tenant LIMS SaaS platform using React 19, TypeScript, Hono, PostgreSQL with full lab workflow automation for diagnostic laboratories
- Built 10+ modules including order management, barcode sample tracking, result validation, billing/payments, and automated report generation
- Implemented JWT authentication, RBAC for 6+ roles, and Prisma ORM with tenant data isolation and secure REST APIs
- Developed responsive UI with Redux Toolkit, TanStack Query, Recharts dashboards, and Tailwind CSS for multi-user portals
- Designed normalized database schema with Prisma migrations, audit trails, and cascade operations for patients, orders, samples, and invoices

FoodKart | Full-Stack Web Application

- Architected a full-stack web application using React (Vite), Node.js, Express, and MongoDB, following modular and scalable architecture with separate frontend, backend, and admin layers.
- Engineered RESTful APIs with route-controller-service patterns, enabling efficient handling of user authentication, cart operations, order lifecycle management and more with request validation.
- Implemented secure JWT-based authentication and role-based access control (RBAC), ensuring protected routes, session handling, and secure API communication.
- Designed and optimized NoSQL database schemas using Mongoose, establishing relationships between entities, enabling efficient CRUD operations, and maintaining data integrity.
- Built a responsive, component-driven UI using reusable components and Context API for global state management, integrated Cloudinary for media storage, and ensured performance optimization and cross-device compatibility.

EDUCATION

Bachelor of Technology

Government Engineering College, CGPA : 7.53

Aug 2021 – Dec 2024

Sheohar