MD. SHAMSAD ALAM MERAJ

Senior Software Engineer | Full-Stack Development

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LinkedIn | GitHub | GitHub (Alt) | Portfolio

SUMMARY

Software engineer with 3+ years of experience building web applications with React, Next.js and TypeScript. Delivers healthcare features across frontend interfaces, FastAPI services and PostgreSQL data models. Brings full-stack skills in Node.js, NestJS and Express.js, with experience in reusable UI architecture, international contract delivery and feature ownership through production support.

WORK EXPERIENCE

Senior Frontend Engineer

THSnet, Inc. | Dhaka, Bangladesh

Feb 2026 - Present

- Build healthcare workflows with Next.js, React and TypeScript; develop FastAPI REST endpoints and PostgreSQL models and queries with request validation and error handling.
- Create reusable components, shared hooks and consistent UI patterns within modular frontend architecture.
- Implement authentication, role-based access and data-driven interfaces in collaboration with product, design and QA teams.
- Own technical planning, implementation, code review, releases and production troubleshooting.

Frontend Developer (Contract)

Everything Green | Hong Kong

Oct 2025 - Jan 2026

- Delivered responsive React features and reusable interfaces for an international client, coordinating remotely with stakeholders.
- Integrated APIs, managed application state and resolved UI defects; maintained code quality through structured components, Git workflows and iterative reviews.

Junior Frontend Software Engineer

EkkBaz.AI | Dhaka, Bangladesh

Feb 2023 - Dec 2024

- Built responsive dashboards and reusable React components using JavaScript and CSS frameworks.
- Integrated REST APIs, authentication, authorization, forms and validation; resolved defects and improved usability through sprint-based delivery and collaborative Git workflows.

SELECTED PROJECTS

bachOS: Full-stack application for managing shared meal groups, with live expense logs, membership administration and offline access.

Boi Exchange: Book lending, swaps and purchases with role-specific dashboards for users, librarians and administrators, including borrowing and exchange requests.

TECHNICAL SKILLS

Frontend

React, Next.js, TypeScript, JavaScript, React Native, Ionic

State Management

Redux Toolkit, Zustand, Context API

UI and Styling

Tailwind CSS, Sass, shadcn/ui, Material UI, Ant Design, Bootstrap, Framer Motion, GSAP

Backend and APIs

Python, Node.js, NestJS, Express.js, Fastify, FastAPI, REST APIs, Socket.io

Databases

PostgreSQL, MySQL, MongoDB, Mongoose, Firebase

DevOps

Terraform, CI/CD, Docker, Azure DevOps, Vercel

Testing and Tools

Jest, Git, GitHub, Bitbucket, Postman, Figma

EDUCATION

B.Sc. in Software Engineering

Daffodil International University

Dhaka, Bangladesh
December 2022

CGPA: 3.33 / 4.00

CERTIFICATIONS

HackerRank | Feb 2024

Frontend Developer (React)
JavaScript (Basic)
React (Basic)
Problem Solving (Basic)

Coursera | Aug 2021

Software Architecture

LANGUAGES

- Bengali - Native
- English - Professional working proficiency
- Hindi - Conversational