

Md Shamim Akhter

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Projects

Interview Prep & Blogging Platform

Live | Code

- Built a **production-ready platform** using **Next.js** with scalable architecture and optimized rendering.
- Designed **reusable components, custom hooks, and centralized configuration** to improve consistency, maintainability, and code quality.
- Managed global state using **Redux Toolkit** and implemented **JWT-based authentication**, protected routes, and **social login integration** (**Google, GitHub**) through backend authentication flows.
- Developed secure and scalable **RESTful APIs** using **Node.js, Express.js, and MongoDB**, covering authentication, authorization, and user management.
- Integrated **Cloudinary** for efficient image upload, storage, and optimization within the content management workflow.
- Added **New Relic monitoring** and implemented a centralized **SEO system** for performance tracking, dynamic metadata, and improved search visibility.

Experience

Software Developer

Tekion (via Prohuman) 06/2025 – Present

- Contributing to the **GM platform** within a **multi-brand monorepo architecture**, building scalable, maintainable, and reusable frontend solutions.
- Developed and optimized modules for the **Inventory Management System**, improving performance, usability, and consistency across multiple dealer brands.
- Built and integrated **Web Components** to create reusable, framework-agnostic UI solutions across applications and brand-specific implementations.
- Designed and implemented **reusable UI components, custom hooks, and shared utilities**, reducing duplication and improving development efficiency.
- Refactored distributed state logic from **Context API, legacy Redux, and custom state patterns** into a centralized **Redux Toolkit (RTK)** architecture, improving scalability and maintainability.
- Integrated **New Relic Browser and Backend Monitoring** to enhance observability, performance tracking, and debugging efficiency across environments.
- Collaborated with **Backend, SRE, QA, and OOPS teams** to support reliable deployments, smooth feature rollouts, and high-quality releases.
- Served as a **Point of Contact (POC)** for key feature deliveries, coordinating development, testing, and release activities to ensure timely execution.
- Participated in debugging and resolving production issues using monitoring tools, logs, and cross-team collaboration to maintain platform reliability.

Skills

- Programming Languages:** JavaScript
- Frontend:** React.js, Next.js, HTML, CSS, SCSS, Tailwind CSS, Redux Toolkit, Web Components
- Backend:** Node.js, Express.js, Socket.IO, REST APIs, JWT Authentication
- Databases:** MongoDB
- Tools & Platforms:** Git, GitHub, Postman, Docker, New Relic, VS Code
- Concepts:** SEO, SSR, CSR, Performance Optimization, Reusable Component Architecture, Monorepo Architecture
- Soft Skills:** Problem-solving, Teamwork, Time Management

Education

BTech in Mechanical Engineering

2019 – 2023

Techno Main Salt Lake, Kolkata

Achievements

- Solved **200+ Data Structures and Algorithms (DSA)** problems on GeeksforGeeks and maintained a **60-day streak**.