

MD Shamim Al Mamun

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Objectives:

Full-stack developer with 5+ years of experience in the MERN stack and React Native building scalable web and mobile applications. Passionate about delivering efficient solutions and continuously learning new technologies.

Summary:

- Full-stack developer with hands-on experience in building scalable web and mobile applications using **React, React Native, Vue, Angular, Next.js, Nuxt.js, Node.js, and Nest.js**.
- Skilled in designing **high-performance, real-time systems** using **Redis, RabbitMQ, Kafka, WebSocket, Socket.IO** and **Firebase**.
- Experienced in **cloud deployment and containerization** with **AWS, Docker, Jenkins** and **Kubernetes**, implementing CI/CD pipelines for efficient delivery.
- Proficient in integrating **RESTful and GraphQL APIs** and creating **responsive, event-driven applications** for web and mobile platforms.
- Strong database expertise in **relational (MySQL, PostgreSQL, Oracle, SQL Server)** and **NoSQL (MongoDB, Redis)** systems for optimized data management.
- Adept at using **version control and collaboration tools** including **Git, GitHub, Postman, Trello, JIRA, Slack** and **Asana**.

Work Experience:

- **Software Developer (1 October, 2024 – Present)**
[Guildford Integrated Systems SDN BHD](#)
key responsibilities:
 - Developed **responsive web and mobile applications** using **React, React Native, HTML5, CSS3/4, and JavaScript**.
 - Built **dynamic single-page applications (SPAs)** with **React.js** and backend APIs with **Nest.js**, emphasizing **reusable components and efficient state management** using **Redux** and **Context API**.
 - Integrated **RESTful APIs** using **Swagger** for documentation and maintained **scalable, maintainable application architecture** for enterprise-grade projects.
 - Implemented **CI/CD pipelines using Jenkins** and managed **containerized deployments with Docker and Kubernetes** to improve delivery speed and scalability.
 - Worked on **real-time data processing** and **event-driven features** by integrating **Kafka and Redis** into distributed applications.
- **Software Engineer (1 April, 2019 – 30 September, 2024)**
[GetUp Limited](#)
key responsibilities:
 - Developed **responsive websites, dashboards, POS, CRM systems and SaaS applications** using **React, React Native, Angular, Vue.js (3) and Next.js**.
 - Designed and maintained **scalable backend architectures** with **Node.js** integrating both **SQL (MySQL, PostgreSQL)** and **NoSQL (MongoDB, Redis)** databases for optimized performance.
 - Implemented **real-time event-driven** using **WebSocket, Socket.IO, RabbitMQ, and Firebase**.

- Deployed SaaS platforms on **AWS** with **Docker** and set up **CI/CD pipelines** for continuous delivery and reliability.
- Led a **cross-functional development team**, coordinating tasks, mentoring junior developers, and ensuring timely delivery of cloud-based solutions.
- Managed **version control and collaboration** using Git/GitHub and integrated workflows with Postman, JIRA, and Trello.

Technical Skills:

- **Frontend & Frameworks:** HTML5, CSS3, JavaScript (ES6+), TypeScript, React.js, Next.js, Vue.js, Nuxt.js, Redux, Tailwind CSS, Bootstrap
- **Backend & Frameworks:** Node.js, Nest.js, Express.js, PHP, Laravel, Python, Flask
- **Databases:** MySQL, PostgreSQL, Oracle, SQL Server, MongoDB, Redis
- **Messaging & Real-Time Systems:** RabbitMQ, Kafka, WebSocket, Socket.IO, Firebase, WebRTC
- **Cloud & DevOps:** AWS (EC2, S3, RDS), Docker, Kubernetes, Jenkins, NGINX, Apache
- **APIs & Integrations:** RESTful APIs, GraphQL, Stripe, PayPal
- **Version Control & Tools:** Git, GitHub, Postman, Trello, JIRA, Slack, Asana

Major Projects:

Libry – Social Platform (Web, iOS & Android)

Next.js | NestJS | React Native | PostgreSQL | AWS | Docker

- Designed and developed a cross-platform social platform enabling users to collaborate, learn, build communities and showcase talents.
- Built the **frontend with Next.js** and the **backend with NestJS**, ensuring scalable architecture and optimized API performance.
- Implemented **PostgreSQL** for secure and efficient data storage with advanced query optimization
- Delivered a seamless **mobile experience** using React Native for both Android and iOS.
- Deployed and managed on **AWS with Docker** for scalability, reliability, and CI/CD integration.
- **Link:** [libry.ai](#), [Play store](#), [App Store](#)

StoreMent – Multi-Tenant SaaS E-commerce Platform

Next.js | NestJS (Microservices) | MySQL | NGINX | Docker | AWS | Load Balancing

- Designed and implemented a **multi-tenant SaaS e-commerce platform** enabling automated store creation for clients using a **single database architecture**.
- Developed the **frontend with Next.js** and a **scalable microservices backend with NestJS** ensuring modularity and maintainability.
- Architected **automated workflows** for store setup, data provisioning and subdomain assignment for each tenant.
- Managed **server infrastructure with NGINX**, implementing **load balancing** to ensure high availability, efficient routing and optimal performance across multiple subdomains.
- Oversaw **deployment, server management, and performance optimization** on AWS with Dockerized containers.
- Ensured **secure, high-performance database interactions** using MySQL with optimized queries for multi-tenant environments.
- **Link:** [storement.com](#)

E-commerce Platforms (Fashion, Lifestyle & Multi-Vendor)

React.js | Tailwind CSS | Node.js | Express.js | MongoDB | MySQL

- Designed and maintained **multiple e-commerce platforms** tailored for fashion, lifestyle, and multi-vendor business requirements.
- Built responsive, user-friendly **frontends with React.js and Tailwind CSS**, ensuring smooth cross-device experiences.
- Developed **mobile apps with React Native** for Android, published on the Google Play Store.
- Engineered **scalable backend architectures** with Node.js and Express.js, handling complex workflows for cart, order, and inventory management.
- Implemented **optimized data models** with MongoDB and MySQL to balance scalability and transactional reliability.
- **Link:** fejmo.com, fashionhub.app, bizhub.app, sodainagar.com, [Tabazar\(Play Store\)](https://tabazar.com), [Zomex \(Play Store\)](https://zomex.com)

Point of Sale (POS) System (Web & Offline)

Vue 3 | Pinia | PWA | Bootstrap 5 | JavaScript | AJAX | PostgreSQL | LocalForage

- Developed a **robust online/offline Point of Sale (POS) system** ensuring uninterrupted functionality regardless of internet availability.
- Implemented **state management with Pinia** for efficient handling of application workflows.
- Built the frontend with **Vue 3, Bootstrap 5, JavaScript and AJAX** delivering a responsive and user-friendly interface.
- Enabled **offline mode using PWA capabilities**, caching transactions and syncing automatically with the server once connectivity was restored.
Managed **server-side data with PostgreSQL** and **offline storage with LocalForage** for reliable data persistence.

Open Source Projects:

Easy Food Restaurant – Order & Delivery Platform (GitHub: [Easy-Food-MERN-STACK](https://github.com/ajaykumar007/Easy-Food-MERN-STACK))

React | Redux Toolkit | Tailwind CSS | Node.js | MongoDB

- Built a modern **food e-commerce platform** allowing users to browse, order, and review items with a seamless, responsive interface.
- Implemented **role-based access control** and efficient state management using Redux Toolkit.

Modern Portfolio (GitHub: [Modern-Portfolio-NextJS-Framer-Motion](https://github.com/ajaykumar007/Modern-Portfolio-NextJS-Framer-Motion))

Next.js | Framer Motion | Tailwind CSS

- Developed a **sleek, interactive developer portfolio template** to showcase skills, experience and projects professionally.
- Designed for **modern web developers and creative professionals**, emphasizing performance.

Educational Information:

- **American International University Bangladesh,**
Dhaka, Bangladesh
Bachelor of Computer Science And Engineering
- **Notre Dame College,**
Dhaka, Bangladesh
Higher Secondary School Certificate