Md Abu Bakkar Siddiqe **Sajib**

SOFTWARE ENGINEER

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Skillset

LANGUAGES:	JavaScript - TypeScript - GraphQL - Python - Java - C
FRAMEWORKS & LIBRARIES:	NodeJS - ExpressJS - NestJS - ReactJS - ReduxJS - RTK Query - Material UI
TOOLS & PLATFORMS:	Git - VS Code - Docker - Chrome Dev Tool - Heroku - Netlify - Vercel
DATABASE:	MongoDB(NoSQL) - MySQL - Redis

Professional Experience

Zaynax Health   *Gulshan 1, Dhaka 1212*

SOFTWARE ENGINEER (BACKEND)   *April 2023 - Present*

- Developed robust backend solutions using **NodeJS**, **NestJS**, and **Typescript** to drive the company's projects at Zaynax Health, which is the **fastest-growing health tech** company in Bangladesh.
- Leveraged **MongoDB** for data storage, implementing efficient database schemas and **optimized queries**.
- Contributed to the creation of **RESTful APIs**, ensuring adherence to best practices and high code quality standards.
- Successfully **integrated third-party systems** to bolster company collaboration with prominent organizations like **Metlife**, **UNFPA**, **AKS Pharmacy** and **Grameen Phone**, Worked closely with their developer teams to ensure seamless integration and optimal performance. Additionally, developed custom solutions for **third-party integration**, contributing to a more streamlined and efficient collaborative process.
- Implemented **Guest Checkout** functionality, allowing both registered users and non-users to seamlessly purchase medicine, enhancing the accessibility and user-friendliness of the platform.
- Collaborated with **cross-functional** teams to ensure seamless integration of backend services with front-end applications.
- Designed and developed independent, scalable microservices within a **Microservice Architecture**.
- Played a pivotal role in optimizing and fine-tuning backend systems, enhancing overall system **performance**.
- Proactively identified and resolved **software bugs**, significantly reducing the number of **production issues**, and contributing to a more stable product.
- Authored comprehensive **documentation** to support the company's development and operational processes, enhancing overall team efficiency.

Education

Ranada Prasad Shaha University   *Narayanganj, Bangladesh*

B.SC. IN COMPUTER SCIENCE AND ENGINEERING   *2017 - 2021*

- CGPA: 3.81/4

Personal Projects

Lift-Buddy: Online Ride Sharing Site   *GitHub Link*

MERN STACK PROJECT

- Developed a responsive frontend utilizing React and Material-UI, including an admin panel for user verification and management.
- Utilized Google Maps Places and Directions API for providing map directions and implemented Socket.IO for real-time chat functionality.
- Implemented pagination for displaying posts, and enabled users to perform CRUD (Create, Read, Update, Delete) operations and report posts. Also, Added a search feature for users to filter posts by destination.
- Facilitated the ability for users to confirm or cancel rides, leave feedback, and report bugs.
- Implemented user registration and login, including the ability for users to update and delete their own profiles and report others profiles, with a password reset feature using "forgot password" functionality.
- Built the backend using Node Express Server and MongoDB, and deployed the application on Netlify and Heroku.

E-Commerce Website   *GitHub Link*

MERN STACK PROJECT

- Developed REST API using Node.js and Express.js to facilitate CRUD operations for user profiles, products, and admin panel.
- Created an interface for users to perform CRUD operations on products and complete the full purchase process.
- Designed an admin panel with the ability to perform CRUD operations on users and products, and implemented charting to display statistics.
- Incorporated Stripe API to enable payment processing and used MongoDB and Firebase for database management.

Social Media   *GitHub Link*

MERN STACK PROJECT

- Developed a responsive interface using React.js and CSS, allowing users to perform CRUD operations on their profiles and posts.
- Implemented functionality for users to follow other users, like or dislike following user's posts, and receive suggestions for following other users.
- Restricted post visibility and chat to only followed users.
- The backend of the application was powered by Node.js and Express.js.