

Ruhul Amin Barbhuiya

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SUMMARY

- Experienced **Full Stack Developer** with **3 years** of expertise in **MERN Stack** development, including **React**, **Node.js**, and **MongoDB**. Proven track record of **designing** and **deploying** scalable applications, focusing on **performance optimization** and **user engagement**. Adept at collaborating in team environments to deliver high-quality solutions that align with business objectives.

SKILLS

- Front-End Technologies:** HTML, CSS, DOM, JavaScript, JQuery, React, UI/UX, TailwindCSS, Bootstrap, SCSS
- Back-End Technologies:** Node.js, Java, JSP, SQL, REST APIs, JWT
- Frameworks & Libraries:** Express, Next.js, Redux, React Query, Mongoose
- Databases:** MongoDB, MySQL
- Tools & Platforms:** Git, Github, SOAP UI, Postman, Supabase, Docker, Kubernetes, Helmet.js

EXPERIENCE

Full Stack Developer | Tata Consultancy Services, Bangalore

(Dec 2021 - Present)

- Collaborated** with senior developers to design and implement **5 new features**, increasing user retention **by 10%**.
- Redesigned** a RESTful API using **Node.js and Express**, handling **500+ requests per second** with minimal latency.
- Revamped** a responsive user interface using **React and TailwindCSS**, achieving a **95% mobile-friendliness** score on Google Lighthouse and enhancing user engagement through intuitive design.
- Conducted thorough testing and debugging**, reducing bug reports **by 25%**, and implemented automated unit tests using **Jest**, achieving **90% code coverage**.
- Developed and integrated MongoDB database schema**, optimizing queries to reduce data retrieval time by **30%** and ensuring seamless interaction between the backend and the React frontend.
- Implemented authentication and authorization mechanisms** using **JWT**, enhancing application security and reducing unauthorized access attempts by **15%**.
- Led the migration of legacy components to the MERN stack**, improving maintainability and reducing technical debt by **20%**.
- Worked closely with UI/UX teams** to translate wireframes into high-quality code, ensuring cross-browser compatibility and consistent performance across devices.

WEB DEVELOPMENT PROJECTS (Personal Projects)

- Project 1 (The Wild Oasis):** A completed a full-stack project that deliver robust, user-centric solutions that meet the complex needs of the hospitality industry simplified using **MERN Stack**. [Link](#)
- Project 2 (The Natours):** Natours is a tour booking application that enables users to explore and book tours seamlessly. Generated with **Node.js, Express, and MongoDB**, the project focuses on providing a smooth user experience for finding and reserving tours. [Link](#)
- Project 3 (Forkify Recipe Application):** A Recipe application which will allow user to search for a dishes that they wanted to prepare with the exact quantity of ingredients that are required for the given number of servings and the estimated time to complete the recipe. [Link](#)

CERTIFICATIONS

- The Complete Web Development Bootcamp (Udemy)** Jan, 2021
- MERN Stack Front To Back: Full Stack React, Redux & Node.js (Udemy)** Oct, 2021

EDUCATION

Bachelor of Technology in Computer Science and Engineering | BVEC, Nirala, Karimganj

(2017 - 2021)

- Percentage:** 78%
- Relevant Coursework:** Data Structures and Algorithms, Web Technologies, Database Management Systems, Object-Oriented Programming, Software Engineering