

Mostakimul Karim

Web Developer

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EDUCATION

University of Maryland, Baltimore County (UMBC)

Baltimore, MD

Master of Professional Studies in Software Engineering

MAY 2024

TECHNICAL SKILLS

- **Languages:** JavaScript, TypeScript, HTML, CSS, PHP
- **Frameworks:** React Js, Node Js, Express Js, Next Js, Vue, Laravel, Tailwind CSS, Bootstrap, Ant Design, Daisy UI
- **Database:** MongoDB, MySQL, PostgreSQL, DynamoDB
- **Tools & Technologies:** GraphQL, Prisma, Git, GitHub, Firebase, Supabase, Netlify, Figma, Trello, Asana
- **Familiar:** CI/CD, Jest, React-testing-library, Wordpress, Shopify

EXPERIENCE

Software Developer | KNOBS Srl

MAR 2022 - AUG 2022 | **Milan, Italy**

- Engineered and launched cutting-edge blockchain-based websites using advanced technologies like React, Next.js, and AWS, achieving a 30% increase in user engagement. Leveraged innovative design principles and robust development practices to ensure high performance and scalability.
- Demonstrated expertise in debugging, optimizing performance, and enhancing user experience for existing websites, utilizing AWS DynamoDB, S3, GraphQL, and TypeScript for efficient data solutions, resulting in significant improvements in load times and data retrieval efficiency.

Junior Web Developer | Sooneat Srl

DEC 2021 - MAR 2022 | **Milan, Italy**

- Managed state in multiple multivendor projects for food courts, ensuring robust and efficient application functionality with Redux, resulting in a substantial reduction in bug reports. Spearheaded design enhancements by introducing SCSS and significantly improving user satisfaction.
- Integrated Firebase for user authentication and Firestore for database management, significantly reducing load times by 25%.

Full Stack Developer | AAK Tele-science, INC

APR 2021 - JUN 2021 | **Davis, CA, USA**

- Effectually managed frontend development, ensuring seamless web application functionality and user experiences by actively engaging with APIs, JavaScript, HTML, and CSS, leading to significant improvements in page load speed and enhanced user retention rates.
- Demonstrated expertise in customizing and extending the Elgg PHP social framework by developing custom plugins, enhancing platform functionality by 40%, and contributing to user interaction enhancements through the design of user-friendly charts using amCharts.

PROJECT

Travel Companion - [Github](#) [Live](#)

- Developed a comprehensive web server API for Travel Buddy, enabling users to add trips and find travel companions. Designed and implemented both the dashboard and frontend to provide seamless and intuitive user interactions, enhancing the overall user experience.
- Created a robust and scalable backend architecture, ensuring efficient data management and retrieval processes. This involved optimizing database queries and designing a modular system architecture, significantly improving the overall performance and scalability of the application.

Technology Used: Next JS, Typescript, Redux-Toolkit, Daisy UI, Prisma, PostgreSQL

MN Recipe Blog - [Github](#) [Live](#)

- Developed a dynamic and visually appealing blog recipe website with a user-friendly interface, incorporating advanced features like interactive sliders and responsive layouts to enhance user engagement and experience.
- Implemented a comprehensive and organized presentation for recipe content, including detailed ingredient lists and step-by-step instructions, resulting in an intuitive and accessible platform for users seeking culinary inspiration.

Technology Used: Typescript, Next Js, Daisy UI, Tailwind CSS, Swiper Js

PC Parts Management - [Github](#) [Live](#)

- Developed a sales and inventory management system for PC items, designing a comprehensive dashboard with features for adding, removing, updating, and deleting items. Implemented advanced caching techniques to ensure fast and efficient data handling.
- Created role-based access controls, enabling buyers and sellers to have limited access based on their roles. This included developing user authentication and ensuring secure access to various features, thereby enhancing both the security and usability of the system.

Technology Used: Typescript, React, Redux-Toolkit, Daisy UI, Express Js, Mongoose

CERTIFICATIONS

- Complete Web Development, **Programming Hero**
- Level 2 Web Development, **Programming Hero**
- Web Development, **Creative IT**
- Responsive Web Design, **Coders Trust Bangladesh**

LANGUAGES

- Bangla, English, Italian, Hindi

EXTRACURRICULAR ACTIVITIES

- Treasurer, **UIU Sports Club**
- Campus Ambassador, **Mythical Motion**
- Campus Ambassador, **Creative IT**
- Head of media publisher & IT, **UIU Theatre & Film Club**