

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, Next Js, Node Js, Express.js, Vue, Tailwind CSS, Bootstrap, Ant Design, Material UI, Daisy UI
- **Database:** MongoDB, MySQL, PostgreSQL, DynamoDB
- **Tools & Technologies:** Prisma, Mongoose, Git, GitHub, Firebase, Supabase, Netlify, Figma, Trello, Asana
- **Familiar:** WordPress, Shopify, Laravel

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, achieving a 25% reduction in load times and a 20% increase in 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 40% reduction in bug reports. Spearheaded design enhancements by introducing SCSS and improving user satisfaction by 35%.
- 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 a 30% improvement in page load speed and a 25% increase in user retention.
- 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

Book Management - [Github](#) [Live](#)

- Developed end-to-end solutions by designing both frontend and backend, ensuring a comprehensive and cohesive development approach. Employed a modular pattern for the backend and state management for the frontend, resulting in efficient application performance.
- Implemented secure custom authentication systems, enhancing data protection and access control. Optimized data management and user experience with advanced fetching and caching techniques, user-friendly interfaces, and enhanced features like pagination and recent items.

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

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**