Mohammad Arafat Zaman

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SUMMARY

As a skilled software developer, I bring extensive experience in full-stack development utilizing cutting-edge technologies such as Django, DRF, Flask, ReactJS/Native, Node, and ExpressJS. I am a lifelong learner with a passion for web development, data analysis and machine learning, constantly seeking new opportunities to enhance my skill set. With a strong focus on teamwork and collaboration, I am not intimidated by stepping outside of my comfort zone and embracing new challenges.

EXPERIENCE

Software Developer

Iccheghuri   **April 2021 - December 2021**

- Designed and developed a mobile application using React-Native, leveraging my knowledge of mobile development best practices and UX design principles to create an intuitive and engaging user experience.
- Implemented a global state management system using Redux, allowing for efficient data sharing and updating across the application.
- Utilized Firebase for the backend, implementing real-time database and cloud storage features to optimize the application's functionality and scalability.
- Conducted rigorous testing and troubleshooting to identify and resolve issues in a timely and effective manner, ensuring a high-quality and reliable product.

Freelance Web Developer

Fiverr for Freelancers   **November 2020 - December 2020**

- Spearheaded the development of a feature-rich web application for an AI-based startup, leveraging my expertise in front-end development and UI/UX design to create a visually appealing and user-friendly product.
- Utilized React and Redux to create a robust and scalable application that met the client's requirements and delivered a superior user experience.
- Employed Material-UI to streamline the application's design and ensure consistency across all components and pages.
- Integrated Firebase to implement essential backend features such as real-time database, user authentication, and cloud storage, resulting in a highly functional and secure application.

Vice President

High School Tech Club   **July 2019 - June 2020, On-site**

- Organized and led successful club events that promoted engagement and collaboration among members.
- Developed and delivered comprehensive programming curricula that covered topics such as problem-solving, data structures, and algorithms to students at different skill levels.
- Designed and administered programming contests that challenged participants to demonstrate their knowledge and problem-solving abilities.
- Facilitated group discussions and provided individualized support to help students overcome challenges and improve their coding skills.
- Maintained a positive and inclusive learning environment that fostered student growth and encouraged experimentation and innovation.

PROJECTS

Portfolio website

May 2020 - December 2022

This is a personal portfolio website that I designed and developed using Django, React, and Bootstrap. It includes custom features such as a blogging system, portfolio section, and notable projects pages. I also implemented a user authentication and authorization system using the Django framework with MySQL as the database management system. I have maintained it for over 2 years now, and it is my longest maintained project,

LyricsFinder

March 2022 - September 2022

This is a fully fledged web application that I developed, using Flask for the backend and React with Material UI for the frontend, to search for song lyrics using Spotify and Genius APIs to provide accurate and up-to-date song lyrics, showcasing my ability to work with third-party APIs.

InPeril

October 2020 - June 2021

This is a React-Native mobile application that I made with a friend, currently only available in AndroidOS build, that allows users to send alerts to emergency contacts in times of danger. It utilizes Firebase realtime database, integrated with the rnfirebase library, to ensure reliable and secure communication with the server.

EDUCATION

Bachelor of Science, Computer Science
Memorial University of Newfoundland • NL, Canada • 2026

Cambridge A level (Accounting, Chemistry, Physics, Maths)
Sunnydale • Dhaka, Bangladesh • June 2021

Cambridge IGCSE (Accounting, English, Chemistry, Computer Science, Physics, Math)
Bangladesh International School English Section, Riyadh • Riyadh, Saudi Arabia • June 2019

SKILLS

Industry Knowledge: Coaching, Web Development, Project Management, Back-End Web Development, Front-End Development, Algorithms, Data Structures

Tools & Technologies: Material-UI, REST APIs, ReactJS, Django, React Native, HTML, SQL, NodeJS, MySQL, Python, CSS, Materialize CSS, Redux.js, Git, jQuery, Bootstrap, Firebase, C++, ExpressJS, MongoDB

Interpersonal Skills: Management, Team Leadership, Problem Solving

Languages: English, Bengali