

Mohammad Arafat Zaman

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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

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.
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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, a portfolio section, and notable project 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 real-time database, integrated with the rnfirebase library, to ensure reliable and secure communication with the server.

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