

Shihan Sharar

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Skills

Languages HTML/CSS, Javascript, Typescript, C++, C, Racket, SQL
Frameworks React, Node.js, Express.js, Next.js, React Native, Expo, TailwindCSS, Bootstrap, jQuery
Technologies MongoDB, Mongoose, Appwrite, Figma, Photoshop, Power BI, Bash, Git

Experience

InsightIn Technology Bangladesh Ltd

Dhaka, Bangladesh

SOFTWARE ENGINEERING INTERN

May 2024 - Aug 2024

- Developed over five responsive websites by designing in Figma and Photoshop, and implemented the designs with Bootstrap and jQuery for dynamic, visually engaging, intuitive, and functional web solutions.
- Engineered an optimized email template using HTML tables, ensuring compatibility across multiple email clients.

Data Analysis and Technical Assistance (DATA)

Dhaka, Bangladesh

DATA ANALYTIC INTERN

June 2022 - Aug 2022

- Collaborated on a project aimed at empowering poor urban women in Bangladesh through digital financial services, conducting surveys followed by the use of company software for data analysis and generating reports.
- Assisted in designing and implementing data collection methodologies, ensuring accurate and reliable data for analysis, leading to actionable insights for stakeholders.

Projects

The Jobster API

- Developed a dynamic web application for managing job applications, utilizing React for a seamless user experience and Express.js to implement robust user authentication, searching, sorting and filtering capabilities.
- Integrated MongoDB as the database layer and Mongoose for data modeling, ensuring efficient storage, retrieval, and manipulation of job application and user data while maintaining data integrity and scalability.

ByteCraft

- Developed a highly responsive, full-stack blog application using Next.js and React, incorporating server-side rendering to ensure fast load times, smooth navigation, and a flawless user experience.
- Implemented interactive animations and transitions using Framer Motion to enhance visual appeal.
- Engineered a dark mode toggle with persistent user settings using cookies, ensuring a consistent user experience.

Aora

- Developed a dynamic mobile app using Expo, React Native, and Appwrite for uploading AI-generated videos, featuring a robust authentication system with secure email login, user data protection, and session management.
- Implemented key features such as an interactive home screen with an animated FlatList, in-app video playback capabilities, pull-to-refresh functionality, and full-text search for seamless browsing and real-time search results.
- Utilized NativeWind for responsive, utility-first styling, and integrated smooth animations, tab navigation, and media upload capabilities to enhance user experience across all devices.

WordW

- Developed a React-based word puzzle game inspired by Wordle, offering an engaging and interactive experience.
- Integrated an on-screen keyboard that gives real-time, color-coded feedback for user inputs, enhancing usability.
- Implemented multiple difficulty levels to cater to a wide range of player skills, boosting player engagement.

Education

University of Waterloo

Waterloo, ON

BACHELOR OF COMPUTER SCIENCE

Sept 2023 - Aug 2028 (Expected)

- CGPA: 93%, CS GPA: 96%, Deans Honor List (Fall 2023, Winter 2024)