

# Mir Tauhidul Islam

## Summary

I am a dynamic and adaptable Web Application Developer, committed to making a meaningful impact. With a broad set of skills and a passion for continuous learning, I approach challenges with innovative solutions. My experience in teamwork, creative problem-solving, and dedication to both personal and professional growth highlights my commitment to contributing to the success of any organization or project I become a part of.

## Contact

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## Skills

JavaScript  
React  
Redux  
Node  
Express  
MongoDB  
Firebase  
Jest  
Playwright

## Education

**Jahangirnagar University**  
Bachelor of Science in Statistics and Data Science  
2018 - 2024

**University of Helsinki (Online)**  
Full Stack Open Course (6 ECTS)  
Completed with Grade 5  
2024

## Experience

**Software Developer (Remote)**  
Invoisght Practice Management Solutions, Katy, TX  
July 2023 - November 2023

Developed various web applications for company use, including R&D on OpenAI API and data mapping applications.

**Web Application Developer (Remote)**  
Arista Groups, Katy, TX, USA  
2021- June 2023

Worked on contract, developed a hospital management system and a data-collecting kiosk using diverse web technologies.

**Freelance Web Developer**  
UpWork  
November 2020 - Present

Developed custom web applications for clients worldwide, tailored to diverse ideas and needs, gaining valuable skills and experience along the way.

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# Projects

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## **Care Sync**

*FEB 2021 – OCT 2021*

Care Sync is an advanced hospital management system designed with dedicated dashboards for administrators, doctors, assistants, and receptionists. It efficiently manages emergencies, room availability, patient waiting times, occupancy, cleaning schedules, and other critical operations. Built using React, Context API, Bootstrap, CSS Modules, and Firestore Realtime Database, Care Sync ensures seamless, real-time tracking and coordination of hospital activities.

## **KIOSK**

*DEC 2021 – MAY 2022*

KIOSK is a patient data collection web application developed for a US-based foot care center. It collects patient information such as medical history, signatures, scanned photos, insurance details, and driver's licenses. The application utilizes a backend API for appointment scheduling and generating patient desk codes. Powered by a Firestore Realtime Database, KIOSK ensures efficient and real-time data management, significantly improving the patient intake process and clinic operations.

## **TRIAGE**

*SEP 2022 – DEC 2022*

TRIAGE is a real-time patient health monitoring module, providing doctors and healthcare staff with instant access to vital data through an intuitive dashboard. The application displays a comprehensive list of patients and their health metrics, streamlining the monitoring process. I developed this robust solution using React, Redux, Material UI, and CSS Modules, ensuring efficiency and ease of use for healthcare professionals.

## **Le Clos Saint Germain Reservation System**

*APR 2023 – MAY 2023*

It was a hotel reservation management system developed for Le Clos Saint Germain, featuring React, Tailwind, Node.js, and Firestore. The system provided multilanguage support, integrated Stripe payments, included an admin panel, and automated email notifications. This solution significantly improved the hotel's reservation management, boosting operational efficiency and enhancing customer satisfaction.