KHALED MUSHAHED HOSSAIN

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Professional Summary

As a graduate in Computer Science and Engineering, I am deeply passionate about programming and problem-solving. With expertise in multiple programming languages, I possess a strong understanding of software engineering principles. My goal is to leverage my skills and knowledge to collaborate effectively with cross-functional teams to deliver high-quality and impactful software development projects.

Education

Brac University, Bachelors in Computer Science and Engineering   (2020-2024)
- Cumulative GPA: 3.43
- Relevant Coursework: CSE470: Software engineering, CSE471: System Design and analysis, CSE370: Database system, CSE220 & CSE221: Data Structure & Algorithms

Skills

- Solving problems using **Python** on Leetcode, Hackerrank. 22 easy, 25 medium, 3 hard in total **50 problems** solved on Leetcode.
- Creating APIs using the **Django** (drf) framework.
- Building APIs and projects using **MERN** stack.

- Understanding of syntax of **Javascript** and **Typescript**.
- Usage of **HTML, CSS** for building basic designs.
- Developing websites using **Wordpress** and **Elementor** using themes.

Projects

NotesApp: Secure and User-Friendly Note-Taking Application
Technologies used: MongoDB, Express.js, React.js, Node.js, JWT, React Hook Form, Tailwind CSS
Description: Developed NotesApp, a full-featured note-taking application using the MERN stack. The platform is designed to offer users a secure, efficient, and intuitive way to manage their notes.(Live demo)
Features:

- User Authentication: **JWT**
- Notes Management **CRUD**
- Responsive UI/UX.

- React state management.
- **React Hook Form**
- **TailwindCSS** for styles.

- User Profile **Dashboard**
- Attractive UI
- **Light&Dark** mode toggle

BookMyStay: Advanced MERN-Powered Booking Platform
Technologies used: MongoDB, Express.js, React.js, Node.js, JWT, React Hook Form, Stripe, Tailwind CSS
Description: Developed BookMyStay, a sophisticated booking platform inspired by booking.com, utilizing the MERN stack. The platform is designed to deliver a seamless and secure experience for users searching and booking accommodations.. (Live demo)
Features:

- User Authentication **JWT**
- **CRUD** My hotels options
- My hotels and bookings history

- Responsive UI/UX
- Accommodation **Search & Filtering**
- **Sorting** by Price Options

- Payment Gateway via **Stripe**
- React Hook Form
- **Cloudinary** for image storage

JobConnect: Full-Featured MERN-Powered Job Portal
Technologies used: MongoDB, Express.js, React.js, Node.js, JWT, React Hook Form, Tailwind CSS
Description: Developed JobConnect, a comprehensive job portal platform built with the MERN stack, designed to connect job seekers with employers efficiently and securely. (Source)
Features:

- User Authentication **JWT**
- Job **CRUD** operations
- Multiple user type

- Resume Upload
- Job **Search & Filtering**.
- **Sorting** by different aspects options

- Profile **Dashboard**
- Responsive UI/UX
- **Live** Job Status update.