Tasnem Prodhan

MERN Stack Developer

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GitHub ⋄ LinkedIn

Seeking an opportunity to utilize my technical skills and problem-solving ability and grow as a web developer.

SKILLS

Front-End: HTML5, CSS3, JavaScript, React.js, Next.js, Tailwind, Bootstrap,TypeScript ,Material-UI, Ant Design, MySQL,

Back-End: Node.js, Express.js, MongoDB, JWT, Firebase, dotenv, RESTful API

Hosting: Firebase, Vercel, Netlify, Surge

Tools: VS Code, Postman, npm, JSON

Familiar with: C, C++, OOP, DSA

EDUCATION

B.Sc. (Engineering) in Computer Science and Engineering

Mawlana Bhashani Science and Technology University

(February 2020 - August 2025)

PROJECTS

Library Managment Website

• A Seamless and Secure Online Bookstore Experience

• BookStore is a web application designed to provide users with a seamless experience for browsing, borrowing, and managing books online.

Technologies: React.js, Tailwind CSS,Daisy UI Express.js, Node.js, MongoDB, JWT

Live Link ⋄ Client ⋄ Server

Product Hut

•This project is a frontend application for a Product Hunt clone. It allows users to discover, share, and interact with new products. The application is built with modern web technologies to ensure a smooth and responsive user experience.

• . It allows users to discover, share, and interact with new products.

Technologies: Tailwind CSS, Express.js,React.js,Axios, Node.js, MongoDB,firebase JWT

Live Link ⋄ Client ⋄ Server

BDSports

BDSports is a responsive web application for managing sports equipment.

• It allows users to register, log in, and manage their own list of equipment.

• Designed with Firebase authentication and a sleek UI, it's built for ease of use across all devices.

Technologies: React.js, Tailwind CSS, DaisyUI, Firebase, Node.js, MongoDB, JWT

Live Link ⋄ Client ⋄ Server

Career Hub

Career Hub is a React web application that allows users to browse and apply for various jobs .

Technologies: React.js, Tailwind CSS, DaisyUI, Firebase, Node.js

Live Link ⋄ github

RESEARCH TOPIC

CoroutineSkipList — A fine-grained, coroutine-based concurrent structure.

• Implementing a fine locking mechanism that locks a range.