

Tanvir Mahtab

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github.com/mhtbtanvir
Portfolio: dev-tanvir.vercel.app



Summary

Full-stack developer experienced in React, Next.js, RESTful APIs, and NLP models. Strong in software engineering fundamentals, with a keen eye for design, a goal-oriented and consistent work ethic, and a growth-focused mindset. Skilled at building scalable web apps with clean, reusable, and efficient code. Excited to learn, contribute, and inspire in a junior software engineer role.

Education

Degree	Institution	Discipline	Result
B.Sc	United International University	Computer Science & Engineering	CGPA: 3.00 / 4.00
HSC	Ideal College, Dhanmondi	Science	GPA: 4.00 / 5.00
SSC	Barishal Zilla School	Science	GPA: 5.00 / 5.00

Projects

→ React Movie Discovery App

[Repository](#)

- Live Demo: mhtbtanvir.github.io/ReactMovieApp
- Integrated the **TMDB API** to fetch trending movies and support real-time search with live results.
- Built reusable **React components** for movie cards, search bar, and spinner, ensuring a clean and modular structure.
- Optimized search performance using **debounced input** and implemented real-time search count tracking with **Appwrite**.

→ Inventory Management System

[Repository](#)

- Live Demo: stockit-tm.vercel.app
- Developed with **Next.js**, **Tailwind CSS**, **Redux Toolkit** frontend and a **Node.js (Express)** backend using **Prisma ORM** and **PostgreSQL**. UI enhanced with **Material UI** and **Recharts**.
- Key features: real-time stock tracking, dark mode, interactive analytics, and a fully **responsive interface**.
- Deployed frontend via **Vercel**, backend using **Vercel Serverless Functions**.
- Database hosted on **Railway**; schema synced with Prisma in backend. Environment variables managed in Vercel.

→ Hotel Management System (Secure Booking Platform)

[Repository](#)

- Designed a hotel reservation system with real-time availability and booking.
- Built a secure admin panel with OTP-based 2FA, email verification, and reCAPTCHA.
- Developed with **PHP**, **MySQL**, **JavaScript**, **Bootstrap**, integrating SMS API and reCAPTCHA for authentication.

Skills

Frontend HTML5, CSS3, JavaScript, TypeScript, React, Next.js, Tailwind CSS
Backend Node.js, Express, Flask, FastAPI, Prisma
Databases PostgreSQL, MongoDB, MySQL
Dev Tools Git, Docker, Postman, Linux, Figma
Languages Python, Java, C++,