

# Tanvir Mahtab

📍 Bashundhara R/A, Dhaka, Bangladesh

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🐙 Github: [mhtbtanvir](#)

## Summary

Full-stack developer experienced in MERN Stack and Next.js. 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.

## Skills

<b>Frontend</b>	HTML5, CSS3, JS/ES6+, TypeScript, React, Redux, Next.js, Tailwind CSS
<b>Backend &amp; APIs</b>	Node.js, Express.js, Flask, FastAPI, Prisma, RESTful APIs, JWT Auth, Redis
<b>Databases &amp; Tools</b>	MongoDB, PostgreSQL, MySQL, Git, Docker, Postman, Linux, Figma, Vercel, Netlify, CI/CD basics
<b>Languages &amp; Other</b>	Python, Java, C++, MVC Architecture, Responsive Design

## Projects

### → Shoppee – Full-Stack E-Commerce Platform

🐙 [Repository](#)

- Live Demo: [shoppee-psi.vercel.app](#)
- **React (Vite) + Redux Toolkit + TailwindCSS** frontend, **Node.js + Express** backend, **MongoDB + Redis** for database sessions.
- JWT in HttpOnly cookies, OTP-based registration, bcrypt-hashed passwords, CORS-safe API, and Redis-backed session management.
- admin dashboard for product order CRUD; users have personalized carts, wishlist, likes, and order history.
- real-time product search with suggestions, multi-payment checkout (Stripe + PayPal + COD), downloadable invoices, responsive UI/UX, fully production-ready with secure, scalable architecture

### → Inventory Management System

🐙 [Repository](#)

- Live Demo: [stockit-tm.vercel.app](#)
- **Next.js, Tailwind CSS, Redux Toolkit** frontend with **Express** backend using **Prisma + PostgreSQL**.
- Interactive UI with **Material UI** and **Recharts**.
- Key features: stock tracking, dark mode, responsive analytics.
- Deployed on **Vercel** (frontend + serverless backend), DB hosted via **Railway**.

### → React Movie Discovery App

🐙 [Repository](#)

- Live Demo: [mhtbtanvir.github.io/ReactMovieApp](#)
- Integrates **TMDB API** for trending movies and live search.
- Modular components: search bar, movie card, loading spinner.
- Search optimized with **debouncing**; user activity tracked via **Appwrite**.

### → DevTanvir – Portfolio Website

🐙 [Repository](#)

- Live Demo: [dev-tanvir.vercel.app](#)
- Built with **React.js**, styled using **Tailwind CSS** and **Framer Motion**.
- Mobile-first, animated, modular layout.
- Deployed on **Vercel**.

## Education & Certification

### B.Sc United International University

Graduated, Feb 2025

Computer Science & Engineering, CGPA: 3.0

#### Key Coursework:

Object Oriented Programming (OOP), Data Structures & Algorithms, Operating Systems, Software Engineering, Computer Security, Project Management, Computer Networks

**HackerRank Certifications:** [Software Engineer](#), [Problem Solving\(Basic\)](#), [Problem Solving \(Intermediate\)](#)