

MD TANVIR HOSSAIN

Software Engineer | Full-Stack Developer

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github.com/tanvirhossain196 | tanvirfolio.vercel.app

PROFILE

Software Engineer and Full-Stack Developer with hands-on experience building scalable web applications using React.js, Next.js, Node.js, Express.js, TypeScript, PostgreSQL, and MongoDB. Demonstrated ownership by independently delivering a major team project and resolving complex deployment and authentication challenges. Served as an Undergraduate Teaching Assistant, leading programming labs and mentoring students in debugging and problem-solving.

SKILL SUMMARY

Language

JavaScript (ES6+), TypeScript , Java , C, C++, PHP

Backend

Node.js, Express.js

Database

PostgreSQL, MongoDB, MySQL, SQLite

Cloud & Backend Services

Supabase, Cloudinary

Frontend

React.js, Next.js, Tailwind CSS, HTML5, CSS3, Bootstrap

Tools

Git, GitHub, Postman, VS Code, Docker

Security and Performance

JWT Authentication, NGINX load balancing , HTTPS/SSL

PROFESSIONAL EXPERIENCE

Undergraduate Teaching Assistant (UTA)

02/2025 – 06/2025

East West University (Department of MDS) ☑

- Led laboratory sessions and assisted faculty in conducting practical classes.
- Mentored students in debugging, problem-solving, and programming concepts.
- Evaluated assignments, provided technical guidance, and supported lab activities.

PROJECTS

Event Flow – An Automated Event Recommendation System ☑

Tech: React.js • Node.js • Express.js • Supabase • Prisma • Passport.js • Cloudinary.

Developed a full-stack university event management platform with personalized recommendations, secure authentication, QR-based attendance, and Cloudinary media management.

Job-Application-Tracker ☑

Tech: Next.js • TypeScript • Tailwind CSS • NextAuth.js • PostgreSQL • Node.js • Express.js

Built a personal job application tracker to organize internship, frontend, backend, and full-stack opportunities with categorized applications, interview invitations, and offer letters.

Mess-Manage Digital Khata ☑

Tech: HTML5 • CSS3 • JavaScript • Supabase • PostgreSQL • jsPDF • SheetJS

Built a household cost-sharing platform using JavaScript and Supabase (PostgreSQL) with Row Level Security (RLS), real-time data synchronization, RBAC, and automated reporting.

SurePay - Mobile Banking System ☑

Tech: HTML5 • CSS3 • JavaScript

Developed a responsive frontend for a mobile banking system using HTML5, CSS3, and JavaScript with an intuitive user interface.

EDUCATION

East West University ☑

02/2022 – 05/2026

Bachelor of Computer Science and Engineering
CGPA : 3.73

Dhaka, Bangladesh

Milestone College ☑

07/2018 – 05/2020

Higher Secondary Certificate
GPA : 4.58

Dhaka, Bangladesh

CERTIFICATIONS

Full Stack Web Development with JavaScript (MERN) 
Ostad | Certificate ID: C46498

04/2025 – 02/2026

AI-Powered Web Development: JavaScript with Claude Code 
Ostad | Certificate ID: C46438

HONORS & AWARDS

- Awarded a **Dean’s** Scholarship for maintaining a CGPA of 3.75+ across three consecutive semesters. Achieved 3.89 CGPA during Spring 2024 -Fall 2024

REFERENCE

Md Mostofa Kamal Rasel, PhD  , Associate Professor, East West University
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