

Umme Nafisa Anzum Kotha

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SUMMARY

Aspiring Full-Stack Web Developer skilled in JavaScript, Java, C/C++, HTML, CSS, Node.js, Express, MongoDB, and MySQL. Building responsive web apps with React, Next.js, Tailwind CSS, and Firebase. Exploring AI/ML, with experience in an image detection project. Passionate about clean, scalable code and eager for full-stack internship opportunities.

TECHNICAL SKILLS

Programming Languages: JavaScript, Java, C, C++, HTML, CSS

Frontend: React.js, Tailwind CSS

Backend & Databases: Node.js, Express.js, MongoDB (Mongoose), MySQL, Firebase

Deep Learning & AI: TensorFlow, NumPy, Pandas

Tools & Platforms: Git/GitHub, Postman, Vercel, Netlify

Design & Project Management: Figma, Canva, Jira, Trello

PROJECTS

MRT Booking and Management System — Live — GitHub

Jun 2025 – Present

Production-Ready Full-Stack Transit Platform

Node.js, Express.js, MongoDB, Tailwind CSS, JavaScript (ES6), HTML

Engineered a production-ready urban transit platform supporting real-time train tracking and digital ticketing.

Implemented secure JWT authentication with OTP verification to enhance passenger safety.

Automated ticket and receipt generation using jsPDF while designing complex wallet recharge logic.

Deployed scalable cloud architecture using Vercel (frontend), Render (backend), and MongoDB Atlas.

Bangla Tesla-Rickshaw Booking — Live — GitHub

Jun 2025 – Present

Production-Ready Full-Stack Urban Transport Platform

HTML5, Tailwind CSS, JavaScript (ES6), Node.js, Express.js, MongoDB

Developed a full-stack rickshaw booking platform connecting passengers, drivers, and traffic authorities across Bangladesh.

Implemented passenger features: ride booking, real-time driver tracking, OTP-based completion, and emergency SOS support.

Implemented driver and traffic management modules, including ride requests, earnings dashboard, driver verification, and traffic monitoring.

Deployed a scalable cloud architecture with Vercel (frontend), Render (backend), and MongoDB Atlas.

Dental Patient Management System — Live — GitHub

Dec 2025 – Present

Healthcare SaaS for Clinical Workflow and Patient Records

JavaScript (ES6), Node.js, Express.js, MongoDB, Tailwind CSS, SweetAlert2

Developed a clinical management tool for dentists to digitize patient intake, clinical examinations, and treatment history.

Engineered a dynamic medical charting system for Chief Complaints (CC), History (HO), and Investigations (IO) using asynchronous API data fetching.

Implemented a specialized dental notation interface allowing practitioners to map treatment notes and prescriptions to specific teeth (1-8, A-E) across upper and lower jaws and print-ready PDF prescriptions for patients

EDUCATION

Bangladesh University of Professionals, Dhaka, Bangladesh

B.Sc in Information and Communication Engineering, CGPA: 3.85 *July 2022 – Present*

LANGUAGES

English – Professional Proficiency

Bengali – Native / Fluent