

Md. Ibrahim Khalil Tushar

Full Stack Web Developer

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[LinkedIn](#) [GitHub](#) [Portfolio](#)

Professional Summary

Full Stack Web Developer specializing in React.js, Next.js, TypeScript, Node.js, and Express.js, with hands-on experience building scalable web applications, secure authentication systems, RESTful APIs, and AI-powered solutions. Passionate about writing clean, maintainable code and delivering user-focused applications that solve real-world problems.

Technical Skills

Frontend: HTML5, CSS3, JavaScript (ES6+), TypeScript, React.js, Next.js, Tailwind CSS, Shadcn/ui, TanStack Query, Framer Motion

Backend: Node.js, Express.js, RESTful APIs, JWT Authentication, Better Auth, Cookie-based Authentication, Bcrypt.js

Database & ORM: MongoDB, Mongoose, PostgreSQL, Prisma ORM, Firebase

Developer Tools: Git, GitHub, Cursor, VS Code, Postman, Figma, Vercel, Netlify, Render, MongoDB Atlas

Core Concepts: Authentication & Authorization, RBAC, CRUD Operations, RESTful API Design & Integration, Responsive Design, State Management, Component-Based Architecture, Protected Routes, Error Handling, Form Validation

Projects

Acadex - AI-Powered Classroom Collaboration Platform

[Live Demo](#) | [Frontend Repo](#) | [Backend Repo](#)

- Spearheaded the development of a full-stack classroom collaboration platform, enhancing student organization through role-based management and real-time communication tools.
- Designed a secure multi-tier authentication system using JWT and Better Auth, enforcing strict role-based access control for thousands of potential academic users.
- Optimized student learning by integrating a RAG-based AI assistant, automating the generation of study plans and summaries from classroom materials.

Tech Stack: Next.js, React.js, TypeScript, Tailwind CSS, Node.js, Express.js, PostgreSQL, Prisma ORM, Better Auth, JWT, Cloudinary, Pusher

Retail Flow - POS & Inventory Management System

[Live Demo](#) | [Frontend Repo](#) | [Backend Repo](#)

- Engineered a comprehensive POS and inventory system that streamlined procurement workflows and improved supplier management efficiency.
- Automated the Purchase Order (PO) to Goods Received Note (GRN) workflow, enabling real-time inventory updates and reducing manual data entry errors.
- Developed high-performance RESTful APIs with Prisma and PostgreSQL, supporting scalable business logic and secure, role-based payment tracking.

Tech Stack: React.js, JavaScript, Tailwind CSS, shadcn/ui, TanStack Table, Axios, Node.js, Express.js, PostgreSQL, Prisma ORM, Better Auth, JWT, Zod

DineFlow - Restaurant Management System

[Live Demo](#) | [Frontend Repo](#) | [Backend Repo](#)

- Orchestrated a modular restaurant management platform that unified POS, payroll, and reporting into a single, high-efficiency interface.
- Implemented role-based authentication and authorization using Better Auth and JWT, securing POS, inventory, HR, and finance modules.
- Streamlined media and communication workflows by integrating Cloudinary and Nodemailer for automated asset management and password recovery.

Tech Stack: React.js, JavaScript, Tailwind CSS, shadcn/ui, Axios, Node.js, Express.js, PostgreSQL, Prisma ORM, Better Auth, JWT, Zod, Cloudinary

Certificate

Complete Web Development Course — Programming Hero

Webflow Professional Certification — Webflow

Achievements

4th Place - Code_Sphere 2026 Hackathon (UUCPC): Built [LostX](#), an AI-powered lost-and-found platform in 3 hours.

Participant - Technovation25 Hackathon (Programming Hero): Built [SilentVoice](#), an anonymous social issue reporting platform.

Education

Bachelor of Science in Computer Science and Engineering

Uttara University | Expected Graduation: 2029

Language

Bengali (Native)

English (Professional Working Proficiency)