

ADITYA RAJ

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Education

Bengal College of Engineering & Technology

Bachelor of Technology in Computer Science & Engineering

Sep. 2022 – June 2026

Durgapur, West Bengal

Experience

Freelance Website Developer

Aug 2025 – Present

Full Stack Web Developer

Remote

- **Client Work:** Built and deployed production websites for 9 real clients – 7 coaching institutes, 1 school, and 1 dental clinic – using the MERN stack (MongoDB, Express, React, Node.js).
- **Business Features:** Integrated contact forms, online booking systems, fee inquiry flows, and admin dashboards to help clients manage inquiries and operations without technical knowledge.
- **Responsive Design:** Built mobile-first, responsive UIs using Tailwind CSS and plain CSS, ensuring good experience across all screen sizes.
- **Deployment:** Set up hosting and version control (Git/GitHub) for each client project, ensuring reliable and maintainable delivery.

Projects

Location-Aware HRMS | *MERN, TypeScript, Redux Toolkit, Tailwind CSS, Socket.IO*

[hrmsai.vercel.app](#)

- **What it does:** A full-stack Human Resource Management System built for a real client company (50+ employees), covering employee management, attendance, leave, payroll, and recruitment – all in one platform.
- **Role-Based Access:** Built separate dashboards for Admin, HR, Managers, and Employees with JWT authentication, account lock mechanisms, and first-login password reset.
- **Attendance System:** Implemented GPS geofencing and IP-based restrictions so employees can only check in from approved office locations – preventing fake attendance.
- **Payroll & Leave:** Automated salary calculation integrated with leave records; generates downloadable PDF payslips per employee.
- **Solo Delivery:** Handled the full project independently – from requirements gathering and system design to development, testing, and deployment.

CampusFlow – AI-Powered School Assistant Platform | *React, Node.js, MongoDB, AI API*

[admitdesk.vercel.app](#)

- **What it does:** A web-based AI assistant platform built for schools and educational institutions to handle student queries, admissions information, and campus-related questions through a conversational interface.
- **AI Integration:** Integrated a large language model API to power a context-aware school assistant that responds naturally to student and parent queries.
- **Full-Stack Build:** Built the complete frontend (React) and backend (Node.js + MongoDB) including user authentication, conversation history, and admin controls.

DevFlow Studio – No-Code Website Builder | *React, TypeScript*

[devflow-studio.netlify.app](#)

- **What it does:** A browser-based drag-and-drop website builder that lets users create multi-page websites visually without writing code.
- **Editor Features:** Supports drag-resize elements, media uploads, text boxes, background customization, shapes, and 15+ keyboard shortcuts.
- **Export:** Converts visual layouts into clean, static HTML/CSS files that can be directly deployed.

Technical Skills

Languages: JavaScript, TypeScript, Python, Java, SQL

Frontend: React.js, HTML5, CSS3, Tailwind CSS, Bootstrap, Material-UI, GSAP, Redux Toolkit

Backend / Database: Node.js, Express.js, FastAPI, MongoDB, REST APIs, Socket.IO

Tools: Git, GitHub, VS Code, IntelliJ, Vercel, Netlify

DSA: 150+ LeetCode problems solved (Arrays, Strings, Linked Lists, Trees, Graphs, DP)