



Ayush ranjan

Roll No: 230104023

B.Tech - 2023-27 Civil Engineering

Minor in Electronic And Communication

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Github

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EDUCATION

Degree	Institute/Board	CGPA/%	Year
B.Tech. 23-27	Indian Institute of Technology, Guwahati	7.98	2023–Present
B.Tech. Minor	Indian Institute of Technology, Guwahati	8.0	2024–Present
Senior Secondary	BSEB	80.6%	2022
Secondary	CBSE	93.8%	2020

PROJECTS

Lotus Traders Website and Admin Dashboard

[GitHub](#) | [Live Demo](#)

React, Tailwind CSS, Node.js, Express, MongoDB, Vite, Framer Motion

- Developed a responsive website for a construction equipment supplier in Northeast India, streamlining product browsing and enquiry submission.
- Implemented category-based filtering, search functionality, and real-time enquiry tracking to enhance user experience.
- Built a secure admin panel with role-based access for managing products, categories, banners, reviews, and enquiries.
- Integrated animated metrics and visual insights using Framer Motion for a dynamic dashboard.

Udgam Website

[GitHub](#) | [Live Demo](#)

React, Vite, Tailwind CSS, ESLint, Vercel

- Developed a responsive, mobile-first website for Udgam 2025, the annual entrepreneurship summit of ECell IITG, focusing on accessibility and user engagement.
- Designed and implemented engaging animations, including card flip effects for the teams page and a train animation to visualize the event schedule.
- Integrated features such as date-based event filtering and keyword search to enhance user navigation and experience.
- Utilized Vite for rapid development builds and ESLint to ensure code quality, with deployment managed through Vercel for continuous integration.

Application Management App

[GitHub](#) | [Live Demo](#)

Flutter, Node.js, Express, MongoDB, JWT, BLoC, FL Chart, PDFKit

- Engineered a dual-role (User/Admin) system with admin-verified account activation for secure access.
- Enabled users to submit applications with file uploads and download formatted PDF receipts.
- Developed an admin panel for reviewing and approving applications, featuring detailed analytics.
- Designed a real-time dashboard to track application statuses (approved, pending, rejected).
- Provided district- and category-wise insights through interactive data visualizations.
- Implemented secure authentication and authorization using JWT.

TECHNICAL SKILLS

- **Programming:** Python, C/C++, JavaScript, Dart
- **Development:** React, Tailwind CSS, Node.js, Express, MongoDB, Flutter
- **Development Frameworks:** Vite, Next.js, Framer Motion, Three.js, GSAP, Swiper.js
- **Operating Systems:** Windows, Linux, macOS

POSITIONS OF RESPONSIBILITY

- **Student Coordinator**, CCD, IIT Guwahati *Mar. 2025 - present*
- **Web Dev Team**, NSS IIT Guwahati *Feb 2025- present*
- **Core Team Member**, DevOps Techniche *Nov. 2024 - present*
- **Associate Technical Secretary**, Kapili Hostel, IIT Guwahati *Sep. 2023 - July 2025*
- **Event Managers**, PMx and Encode Udgam, Infrastructure Udgam *Sep. 2024 - Feb. 2025*

ACHIEVEMENTS

- **Kriti Inter-Hostel Tech Competition**, Secured **Rank 4** in the prestigious technical competition *2024*
- **JEE Mains**, Secured **AIR under 3k** among 2.2 million candidates in one of India's toughest entrance exams *2023*
- **JEE Advanced**, Secured **AIR** among 180,372 candidates in the highly competitive exam *2023*