

Pranay Goel

Computer Science Engineering
Full Stack Web Developer - [Portfolio Website](#)

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[GitHub](#) | [LinkedIn](#)

TECHNICAL SKILLS

- Languages:** Java (J2SE), JavaScript, C/C++, HTML+CSS
Libraries: C++ STL, ReactJS, JSON Web Tokens (JWT), Redux, TailwindCSS, Bootstrap, Framer Motion, KonvaJS, Visx
Frameworks: ExpressJS, NextJS, React Native, jQuery
Cloud/Database: JDBC, MongoDB, Relational Database(MySQL), Firebase, Appwrite
Misc.: NodeJS, Git, Expo, HTTP, RestAPIs, Data Visualization, Figma, MS Office

EDUCATION

- Bachelor of Technology in Computer Science Engineering** 2021-25
University of Engineering and Management, Kolkata, India CGPA: 8.6/10

EXPERIENCE

- Software Development Intern** December '23 – Present
Nawgati
 - Worked on the development of the frontend system for the organization fleet and card management portal for MGL CNG Mahotsav 2.0 campaign, launched by Mahanagar Gas Limited.
 - Developed a fully functional Figma like schematic editor using KonvaJS, letting users easily create a plot layout which had to be hard coded before. Enhancing efficiency approximately by 60%.
 - Developed a keyboard navigable global command search palette that can also handle nested data structure.
 - Developed and added 5+ new components to the companies frontend system that have been shipped to production.
 - Fixed issues with 10+ core frontend components and revamped them for enhanced functionality.
 - Developed a graph aided data visualization component system using Visx and Nivo.
 - Improved the data filter widget logic by abstracting the redundant functionality logic into a single reusable hook.
 - Worked closely with UI/UX designers to improve the happy path that is intuitive and logical for the company’s digital products.
 - Skills: Recoil, Visx, Nivo, KonvaJS, Framer Motion
- Software Development Intern** January – July '23
Pephub
 - Developed multiple LMS and CMS platforms using React.JS, Next.JS, Redux, Tailwind CSS, Node.js, and MongoDB.
 - Automated student result mark sheet PDF generation and implemented a Rest API for sending result SMS to students.
 - Developed a full-stack educational course website and LMS software from scratch using Next.js, Node.js, and MongoDB, implemented meta tags for enhancing SEO ranking.
 - Integrated a blog site and its CMS across client's subdomains, consolidated multiple admin platforms and servers into a single admin software, reducing server costs by 68%.
 - Written Clean Code, Increased Code coverage, and Maintained the Cognitive Complexity of the projects by following the Lint Rules.
- Web Lead / Full Stack Developer/ Coordinator** October '22 – Present
Ureckon, UEMK
 - Developed the registration portal for the event with config-driven forms, where I used Redux to efficiently manage the form's state, and utilized MongoDB to securely store all user data; also developed the UI of the events pages with dynamic event listings.
 - As a Lead Coordinator of the event "Debugger," I developed a Quiz App using React.js and a Admin dashboard using Node.js and MongoDB.
 - The quiz results were auto-saved on completion on the local server into an XLSX file from 70+ clients, facilitating instant results declaration.

PERSONAL PROJECTS

- MedEasy – Health Application to Book Doctor Appointments** [GitHub \(FE\)](#)/ [GitHub \(BE\)](#)/ [Website](#)
 - Developed functionality for role-based authorization and authentication for doctors and patients.
 - Implemented appointment booking functionality, doctor and user profile page.
 - Integrated a real-time map feature that would show hospitals near the user’s location along with the details and contact information.
 - Used Mapbox Navigation API to let the user choose the type of route and display it on the map along with the distance and duration.
 - Technologies Used: ReactJS, NodeJS, ExpressJS, MongoDB, TailwindCSS, Mapbox.
- Spotlight – Event Management and RSVP Web Application** [GitHub](#)/ [Website](#)/ [Walkthrough Video](#)
 - Implemented the public explore pages and a user dashboard where users can create and manage events, filter events by category, also send invitation mail to other users as attendees or to collaborate with a specified role.
 - Integrated a real-time in-app notification panel using Appwrite Realtime API to send updates on event actions; attendee detail list download as XLSX file for offline access.
 - Integrated automatic event e-Ticket Generation and QR Code scanning functionality of ticket for attendance tracking.
 - Technology Used: ReactJS, Appwrite Cloud Service, TailwindCSS.
- Internet Banking Application with Employee and Customer Management System** [GitHub](#)
 - Developed a Java based internet banking application where customers can create and manage accounts.
 - Implemented Authentication and Authorization on pages; Admin can create employees and manage their records.
 - Implemented a customer portal, where customers can apply for opening accounts and make transactions.
 - Technology Used: Java, JSP, Servlet, JDBC, MySQL.

POSITIONS OF RESPONSIBILITY

- Web Development Lead** - Google Developer Student Club (GDSC), UEMK Aug 2023 - Present

HONORS AND ACHIEVEMENTS

- Vice Chancellor's Award for Best Techno Wiz 2022-23.
- Vice Chancellor's Award for Overall Performance 2021-22.