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
Frameworks: ExpressJS, NextJS, React Native, jQuery
Cloud/Database: JDBC, MongoDB, Relational Database(MySQL), Firebase, Appwrite
Misc.: NodeJS, Git, Expo, HTTP, RestAPIs, Figma, MS Office

EDUCATION

- **Bachelor of Technology in Computer Science Engineering** — *2021-25*
  University of Engineering and Management, Kolkata, India — CGPA: 9.6/10

EXPERIENCE

- **Software Development Intern** — *December '24 – Present*
  Nawgati

  - Developed a fully functional Figma like schematic editor for the company, letting users easily create a plot layout which had to be hard coded before. Enhancing efficiency approximately by 60%.
  - Developed 5+ new components for the companies frontend system that have been shipped to production.
  - Fixed issues with 10+ companies core frontend components and revamped them for enhanced functionality.
  - Worked on data visualization with graphs; improved the server driven data filter widget logic by abstracting the redundant functionality logic into a single reusable hook, following SOLID principles.
  - Working closely with UI/UX designers to improve the happy path that is intuitive and logical for the company's digital products.

- **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](#)*

  - Currently working on 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.