Pranav Kumar Singh

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Education

National Institute of Technology , Raipur
Bachelor of Technology
2021 – 2025
Electrical Engineering - CGPA : 9.07

Eklavya Central School, Saharsa
Central Board of Secondary education
2017-2019 | *Percentage*: 76.2

Jay Pratap Singh Public School, Saharsa
Central Board of Secondary Education
2015-2017 | *CGPA*: 10

Projects

EstateEase ⬀
Real-Estate Web Application

- Developed a full-stack real estate application using MERN (**MongoDB,Express.js,React.js,Node.js**) stack, incorporating **Prisma, Context API** and **React-router.**
- Implemented user authentication and authorization using **JWT**, allowing users to **register**, **sign in** and **update their profiles.**
- Added real-time post creation and interactive maps using **React Leaflet**, enabling dynamic map features, customizable markers, and enhanced user interaction.
- Utilized **Sass** for cross-platform responsiveness and interactive user-interface.

Blogify ⬀
Blogging web-application

- Developed a responsive blog platform using **MERN** stack with **JWT authentication** and **role-based authorization**
- Users can create profiles, sign-in and manage their posts securely.
- Integrated **CRUD** operations for blogs including a user-authenticated **commenting** feature.
- Utilized **EJS** for server-side rendering, with dynamic content loading based on user roles and authentication status.

ClickInfo ⬀
Real time News App

- Developed a real-time news application using **React.js** integrating the NewsAPI to dynamically fetch and display top headlines across various categories.
- Ensured cross platform responsive design using **Sass.**
- Utilized hooks for state management and API calls, ensuring a seamless and engaging user experience.

Skills

- **Programming Languages:** C, C++, Python
- **Web Development:** HTML, CSS, JavaScript, ReactJs, NodeJs, ExpressJs
- **Developer Tools:** VS Code, Atom, Github, Postman
- **Database:** SQL, MongoDB
- **CS Fundamentals:** OOPS, DBMS, Operating System
- **Soft Skills:** Leadership, Team Management, Communication

Coding Profiles

Leetcode ⬀ **:** Solved 450+ problems
GeeksForGeeks ⬀ **:** Solved 240+ problems
Codestudio: ⬀ Solved 180+ problems

Position of Responsibility

Training and Placement Cell, NIT Raipur
Placement Convener | 2024-present

- Acted as a liaison between students and potential recruiters, ensuring a smooth communication channel to create internships & placement opportunities for students.
- Conducted periodic evaluations like Aptitude tests and Online Assessments to assess student's performance and provide feedback for their professional development.

Technocracy-NIT Raipur's technical committee
Overall Coordinator | 2022-present

- Worked with a team of 200+ members and ensured seamless management and execution of Aavartan-Central India's largest techfest.

Turing Club of Programmers
Head Coordinator | 2022-present

- Led a team of 20+ members and ensured successful execution of CodeUtsava-NIT Raipur's annual codefest.

Achievements

- Solved **800+** DSA problems across different coding platforms.
- Secured rank 51 in CodeKaze-23 out of 500+ students in college.