

RUDRA PRATAP SINGH

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SUMMARY

2nd-year B.Tech CSE student with foundational web development skills and a keen interest in building scalable web solutions. Aspiring to gain practical experience through a summer internship where I can apply academic knowledge and contribute to real-world projects, and grow within a professional development team.

RELEVANT EXPERIENCE

JPD Hub x Advitiya Hackathon 2025, IIT Ropar | Third Place Winner | Jan 18 2025 [Github](#)

- Designed a full-stack web application that connects skilled professionals with clients, offering administrators comprehensive control over user and job management. Key features include secure role-based authentication (JWT), user dashboards, job listings, application tracking, and admin analytics.
- Tech Stack:** React, Node.js, Express, MongoDB, JWT, Tailwind CSS

Navonmesh 2.0 - National Level Hackathon | Top 30 Teams (Final Round) | 28 Dec 2024 [Github](#)

- Collaborated in a team to develop a Drone-Assisted Disaster-Response System designed to optimize emergency vehicle routing through real-time traffic monitoring and AI-powered path optimization.
- Tech Stack:** OpenCV, YOLOv8, React and TypeScript, Tailwind CSS

ADDITIONAL PROJECTS

Easel - Art Gallery & Marketplace | Personal Project | June 2025 - Present [Github](#)

- Engineered a responsive and performant frontend for a digital art gallery and marketplace, designed to integrate with a future RESTful API backend.
- Tech Stack: React, TypeScript, Vite, Redux Toolkit, React Router, Tailwind CSS, Vercel.
- Live Project URL: <https://easel-rudra00codes-projects.vercel.app/>

RELEVANT SKILLS

Programming Languages: C/C++, Python

Web Technologies: JavaScript, HTML, CSS, React.js

Tools & Platforms: Git, GitHub, VS Code, Docker, Vercel

Concepts: Object-Oriented Programming (OOP), Data Structures & Algorithms, Problem Solving

EDUCATION

AMITY UNIVERSITY PUNJAB

Mohali, IND

- Bachelor of Technology in Computer Science Engineering (B.Tech)

Sep 2023 - Present

AWARDS & ACTIVITIES

Hacktoberfest 2024 Challenge Completer (Level 4) [Github](#)

- Completed the Hacktoberfest 2024 challenge by submitting four accepted pull/merge requests, demonstrating commitment to open-source contributions.

Technical Team Member | Technometer Club - AUP | Dec 2024 - Present

- I actively contributed to technical initiatives and participated in the organisation of coding workshops and technology events for my peers.