

PRANJAL GOYAL

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Education

National Institute of Technology, Hamirpur

2020 – 2024

Bachelor of Technology in Electronics and Communication Engineering

CGPA 7.6

Experience

Circlone

August 2023 – Present

Full Stack Developer Integrations 🏢

London, Remote

- Optimized web applications for maximum speed and scalability, improving overall performance. Pioneered the creation of reusable code and libraries, reducing development time by 15% and enabling more efficient future project execution.
- Collaborated closely with front-end developers to seamlessly integrate user-facing elements with server-side logic, improving overall website performance and functionality.
- Implemented real-time chat functionality using web sockets, enriching the app's interactivity and user experience.
- Engineered a custom backend function for image scanning and ranking, enhancing the app's functionality and user engagement.

Shipsy

May 2022 – July 2022

Software Engineering Intern 🏢

Gurgaon, Haryana

- Developed an Email Automation Flow Builder from scratch which helps the customers to automate the process of sending emails to their subscribers when scheduled and complete a series of steps till it reaches the end of the automation.
- Secured application routes with JWT for seamless user authentication, bolstering data protection and user privacy.
- Implemented the logic of accepting payments through RazorPay API.
- Designed and implemented data storage solutions using MongoDB, ensuring reliable and scalable data management while meeting business requirements.

Projects

NIMBUS | *ReactJS, GSAP, NodeJS, REST API, PostgreSQL*

Github | Demo

- Designed, developed, and deployed a full stack web application for the annual technical fest, NIMBUS
- Spearheaded the development of server-side components using Node.js, contributing to a 20% reduction in response time, resulting in enhanced application speed and user experience.
- Utilized Framer Motion and GSAP for creating smooth UI animations and effects, improving the overall app aesthetics.
- Created a robust Restful API to manage and store teams event data on a PostgreSQL server hosted on Digital Ocean.

Coding Classroom | *ReactJS, Socket.io, NodeJS*

Github | Demo

- A full-stack application facilitating real-time code collaboration. Users can join rooms, each equipped with a code editor
- Utilised Socket.IO for room creation and real-time editor interaction, React.js for the frontend, Node.js with Express for the backend socket server.
- Implemented Codemirror to create an interactive and collaborative coding platform, allowing multiple users to code together in real-time through the integrated sockets.
- Designed custom rooms for enhanced user experience and privacy with the help of UUID.

Technical Skills

Languages: Javascript(ES5/ES6), Typescript, Python, HTML/CSS, SQL

Developer Tools: AWS, Azure, Docker, VS Code, Vite, Git, GitHub, Figma, Firebase, Netlify, Nginx, Postman

Technologies/Frameworks: ReactJs, NextJs, NodeJs, ExpressJs, MongoDB, PostgreSQL, Websockets, WebRTC

Achievements and Awards

- Winner of Github Challenge under Spec International Level Hackathon 2022. [Link](#)
- Postman Student Expert for RESTful API testing and deployment. [Link](#)
- Best Incubation project at Spec International Level Hackathon 2021. [Link](#)

Leadership / Extracurricular

Hill'ffair

Aug 2023 – Present

Vice-President

NIT Hamirpur

- Led a dynamic, 2-tier team of 50 dedicated students, orchestrating the conception and execution of captivating pro shows that captivated a crowd of 10,000 attendees.
- Demonstrated exceptional negotiation and partnership-building skills by securing sponsorships worth INR 1 million from prestigious institutions including top Fintech startups and esteemed Government PSUs like NTPC, Indian Oil, and SJVN