

# PRANJAL GOYAL

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## Education

**National Institute of Technology, Hamirpur**

**Nov. 2020 – May 2024**

*Bachelor of Technology in Electronics and Communication Engineering*

*CGPA 7.8*

## Relevant Coursework

- Data Structures
- Algorithms Analysis
- System Design
- Unix CLI
- Computer Networks
- Database Management
- Web Development
- Computer Architecture

## Experience

### Code Clause

**December 2022 – February 2023**

*Full Stack Developer Intern* 🏢

*Remote, Online*

- Built Dashboard for the user to edit and overview details with React and used Material UI for development and testing of reusable components.
- Implemented authentication using OAuth 2.0.
- Incorporated Redux for global state management and a Cart System.
- Implemented RESTful APIs using Node.js and Express, ensuring efficient communication between the application and backend server.

### Shipsy

**May 2022 – July 2022**

*Software Engineering Intern* 🏢

*Gurugram, 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.
- Removed bugs and improved loading speed with current store built on ReactJs.
- Implemented the logic of accepting payments through RazorPay API.
- Designed and implemented a database schema using MongoDB, ensuring efficient data storage and retrieval.

## Projects

**Tech Fest NIMBUS NITH** | *ReactJS, Express, PostgreSQL, NodeJS*

**Github**

- Designed, developed, and deployed a full stack web application for the annual technical fest, NIMBUS
- Implemented client-side rendering with caching in local storage to enhance performance 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**

- Developed a Realtime Video-Editor-Classroom SPA application, using ReactJS for frontend development with Client-Side Rendering (CSR) implementation.
- Utilized Socket.io to establish seamless sockets between clients and servers.
- 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, HTML/CSS, SQL, Python, LaTeX

**Developer Tools:** VS Code, Git, GitHub, Figma, Firebase, Netlify, Postman

**Technologies/Frameworks:** React, Express, Flask, Docker, Azure, Nginx, 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

### Pixonoids

**Feb 2021 – Present**

*Web secretary*

*NIT Hamirpur*

- Developed full scale website for NITH annual cultural fest (HILLFAIR) and technical technical fest (NIMBUS).
- Developed first of a kind interviews website for the Club and worked closely with group of animators and graphic designers.
- Organized many events on the actual three days of Nimbus, Delivered a Online Workshop on Git and Version control.