

# Naveen Saharan

## Software Engineer

Experienced Software Engineer with a successful history of contributing to both frontend and backend development. Demonstrated ability to enhance system performance, reduce bugs, and lead projects for substantial workload improvements.

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## WORK EXPERIENCE

### Software Development Engineer

ZEE Entertainment Enterprises Limited [🔗](#)

07/2022 - Present

#### Achievements/Tasks

- **Enhanced CMS** with custom menus, static pages, and optimized performance, demonstrating proficiency in frontend and backend development, and collaboration with cross-functional teams
- Conducted comprehensive testing on legacy code by creating **test cases**, contributing to a **reduction in bug incidents** and **improving overall system stability**
- Led the UI development of Subdub.ai, a subtitle generation and review app, securing a **team victory** in a company hackathon and showcasing strong **design skills**
- Took the lead in advancing Subdub.ai to **production**, **optimizing** the application, and anticipating an **84% reduction in time spent on subtitle writing tasks** for the content management team. Successfully launched [Subdub.ai](#)

### Full Stack Intern

Spext Labs [🔗](#)

11/2021 - 06/2022

#### Achievements/Tasks

- Developed a recording bot using **Puppeteer** to join Gmail or Zoom meetings, **record meetings**, and send recordings to a server to generate transcripts
- Enhanced user experience by developing a **Zoom app using Zoom SDK** and a **browser extension**, resulting in almost **doubling the user base** and **substantial revenue growth** for the startup

### Web Developer

The Hobby Tribe [🔗](#)

06/2021 - 09/2021

#### Achievements/Tasks

- Developed a video conferencing web application with a team of three with features like **video sharing**, **video streaming** and **messaging** with advanced features like block, filter and delete to stop bullying and spamming
- Developed a module to **automate timely class reminders** to registered students on WhatsApp and email
- Used **FullCalendar Custom API** for scheduling where teachers can schedule private classes and students can book the class based on their preferences

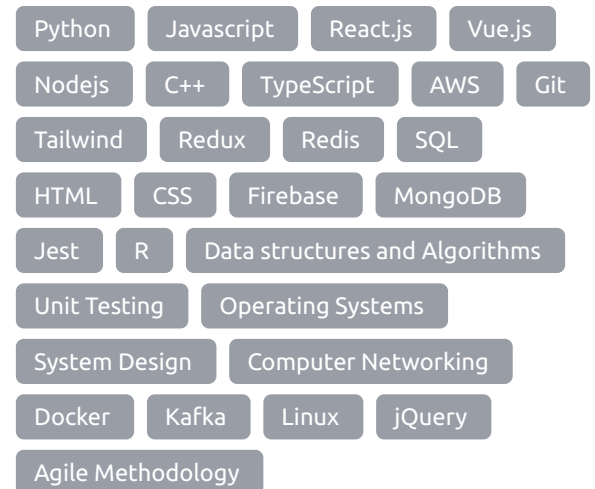
## EDUCATION

### B.Tech in Biotechnology

Indian Institute of Technology, Delhi

07/2018 - 05/2022

## SKILLS



## PERSONAL PROJECTS

Covitify, Cowin vaccine notifier

- **Node.js | express.js | firebase | nodemailer | SMTP Gmail | cdn-API**
- Created a covid vaccine availability notifier to assist friends and family about the vaccines
- Used Firebase as a database to save user's pin code and email addresses for notifications and later use
- Used **cdn-API** to check availability at various centers before sending notifications to the user via nodemailer

Chess game, chess game engine with AI

- **Python | Pygame | minimax**
- Created a User interface using pygame where the player and AI can move their pieces
- Implemented rules and limitations for each and every piece of the chessboard
- Implemented **minimax algorithm** for AI to make the best possible move and used **Alpha-Beta pruning** to improve its performance further by **fifty percent** approximately

Trendd, Q&A website

- **React.js | Firebase | MongoDB | Nodejs | Pusher**
- Built a Quora-like website and app for IIT students to ask any doubts or questions anonymously or by displaying their name, within the IIT community
- The website has the following features of like, dislike, comment, share and delete comments. If a post is reported by more than 10 people, it will be automatically removed from the database

## INTERESTS

