

# Pratham Chauhan

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## Projects

### Settle

This website is built using the Turborepo and Tailwind CSS. Its main purpose is to help users transform how you pay loved ones online. Settle wallet offers seamless transactions for splitting bills, sharing expenses, and sending gifts.

### ChatVerse

Unlock instant answers from your documents and web content with our advanced AI chatbot. Built with Next.js, Vercel AI SDK, LangchainJS, Llama-3, Postgres, and Prisma, our solution streamlines your information retrieval process, saving you valuable time and effort.

### EnigmaAI

Developed and integrated an advanced AI chatbot for a Next.js website, utilizing LangchainJs, Mistral AI, and Vercel AI SDK, powered by the efficient Brave Search API. The chatbot swiftly addresses user queries and provides solutions with cutting-edge technology.

### Open Source Projects

Contributed to various organizations and projects on github and scored 3<sup>rd</sup> rank during the Hactoberfest 2023 in the U.S. based startup namely tbd.website and my best submission during my time there was that I coded the API reference guides page for them.

## Skills

- |          |             |              |              |
|----------|-------------|--------------|--------------|
| • MERN   | • Postgres  | • TypeScript | • JavaScript |
| • Java   | • Turborepo | • Langchain  | • Tailwind   |
| • Docker | • Python    | • Prisma     | • Next       |

## Internships

### RRSC-North(ISRO), New Delhi

#### Disaster Information Portal

10/2022 -05/2023

- Developed a web-based dashboard for disaster management as there was no prior single platform for showcasing everything under one hood. Leveraged skills in web development, GIS (Geographic Information System), and data visualization to create a comprehensive and user-friendly dashboard for disaster management purposes during my internship at ISRO.
- Integrated antecedent moisture condition and flood layers of pan India for visualization.
- Implemented a display of daily disaster-related news across India, highlighting the most prominent news through a heatmap, organized by state.
- Created a user-friendly interface allowing users to input points and generating the shortest path.
- Incorporated an alternate path functionality to navigate hindrances during flood times, ensuring continuity in navigation.
- Enabled users to input coordinates and buffer distance to obtain a list of the nearest hospitals.
- Integrated this tool to aid in disaster scenarios, facilitating quick access to medical facilities.

### Dreamsol, Noida

#### Employee Data Management System

07/2022 – 08/2022

- Developed a robust web application using Spring and Hibernate technologies to manage employee data efficiently.
- Implemented secure user authentication, allowing administrators to log in and perform CRUD (Create, Read, Update, Delete) operations on the employee database.
- Designed a user-friendly interface enabling administrators to add new employee records, update existing information, and delete outdated entries.
- Utilized Spring Framework for dependency injection, facilitating a loosely coupled architecture, and Hibernate ORM (Object-Relational Mapping) for seamless interaction with the underlying database.

## Education

### Bachelor of Technology in Computer Science

2023

The NorthCap University | Gurugram, HR