

# RAJAT VERMA

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🐙 [Github](#)

in [Linkedin](#)

🔗 [Leetcode](#)

📁 [My Portfolio](#)

## EDUCATION

### Indian Institute of Technology, Mandi

B.Tech. Engineering Physics - 7.15 CGPA

📅 Nov 2020 - June 2024

### St. Antony's Inter College

XII, ISC Board, Percentage - 94%

📅 April 2018 - March 2019

## WORK EXPERIENCE

### Nucleus Software - SDE (Internship)

📅 Jan'23 - May'23

- Built the UI of WiQR using **React**, **Redux Toolkit** and **SASS**. WiQR is a query resolution platform having wiki as the only source of data. Built **JWT Authentication** system using **NodeJS** and **ExpressJS**.
- Task was to Revamp the UI (earlier built in JSP) and increase the data sources of wiqr such as excel files, word files, JIRA issues, deployment documents, user guides etc. Extract and update wiki data using **Python - Flask**.
- Built **Rest API's** using **Spring Boot** for parsing excel files and word files using **Apache POI** library and saving data to **Elastic Search**. Configured **Spring Scheduler** to parse files twice a day.

### Svasth360 - SDE (Part Time Internship)

📅 Mar'23 - Apr'23

- Built **Rest API's** for Appointment booking feature and integrated mailing service using **NodeJS** for the HealthCare Startup Funded by Catalyst IIT Mandi. Integrated Appointment and Add family members feature and fixed UI bugs in the mobile app built using **React Native**.
- Built Svasth360 website using **NextJS** and integrated prebuilt services like **authentication**, doctors and patients dashboard, appointment booking, edit profile, add family members etc.
- Integrated **Video Call** feature using **Agora SDK** in **NextJS** app for patient and doctor on demand video communication and booking video call appointments for future.

### Plasium - SDE (Part Time Internship)

📅 Feb'23 - Mar'23

- Built initial App using **React Native**, **Redux Toolkit** for the Electronics based Ed-Tech, Ecommerce startup.
- Developed UI of Login/Signup with mobile/email and password including social logins and quiz feature and developed the backend for the same using **NodeJS**, **MongoDB**, **Mongoose**. **Nodemailer** for customized emails.

### Anaemia Mukht Bharat - Initiative by Ministry of Health & Family Welfare

📅 Apr'23 - May'23

- Contributed in development of Anaemia Mukht Bharat website in **React**. Integrated India Map for showing data.
- It is a portal for getting Anaemia related details. The project is under **Institute of Economic Growth (IEG)**, Delhi.

## PROJECTS

### chatBud - A Discord like webApp 🗨️

- A **Django** based **server side rendered** web-app with Users authentication and authorization.
- User can perform all the **CRUD operations** on room, message in a room, create new topics for discussion.
- Users can also create a room and they can join other rooms, they are also able to view their profile page.

### Adventour - A Server Side Rendered NodeJS App 🗨️

- A fictional Tour booking website made with **NodeJS**, **Express**, **Mongoose** & **MongoDB**.
- Built the **REST API** and the Web-App implements **MVC architecture**. Using **EJS** as the template engine.
- Modules such as **Mongo-Sanitize**, **Helmet**, **XSS**, **HPP** are used to prevent attacks, **Bcrypt** for storing hashed password, **JWT** for stateless authentication are also used in the app.

## TECHNICAL SKILLS

- Languages** : JavaScript, TypeScript, Dart (Flutter), Java, Python, C++
- Libraries/Framework** : React, NextJS, React Native, Flutter, ExpressJS, NestJS, Spring Boot, Django, Flask, Mongoose, Tailwind CSS, Pandas, Numpy, Matplotlib,
- Databases** : MongoDB, MySQL
- Others** : DBMS, OOP, NodeJS, HTML, CSS, SASS, Git & Github, Docker

## POSITION OF RESPONSIBILITY

- Coordinator of DevPrompt - Programming Club IIT Mandi
- Web Development Co-coordinator - (SNTC) Science and Technology Council IIT Mandi
- Web Development Head - Xpecto23 - Technical Fest IIT Mandi
- Frontend Head - Xpecto22 - Technical Fest IIT Mandi
- Web Development Team - Astrax22 - Astronomy Fest of IIT Mandi