

Education and Certifications

B.Tech. Computer Science & Engineering, SRM Institute of Science & Technology.

2018–2022

Work Experience

Software Development Engineer Intern

Ezcliniq, Nov 2020 - Jan 2021

- Devised a **web scraper** script that scrapes all the political news for the **last 1 year** and saves it in a **PostgreSQL database** with the help of **SQLAlchemy**.

Web Developer

GirlScript Ranchi Chapter, June 2020 - Present

- Managed** DevLaunch, an event that taught front-end development to **100+** enthusiasts.
- Designed & developed** the website of GirlScript Ranchi chapter, which is the face of our Chapter in front of other GirlScript Chapters and communities.

Front-end Web Developer Intern

MissionED, June 2020 - July 2020

- Set-up the landing page** of missioned's official website, **created the UI** of MissionEd's dashboard.
- Established** the dashboard front-end with the help of **HTML, CSS & JavaScript**.

Projects

1. Unofficial GeeksForGeeks API (Web Scraping, Flask Web Server, Hosted on Vercel)

- Built by **web scraping** the profile page of GeeksForGeeks users. The API sends out a list of **all the problems solved** by the user and all other details on the profile page.
- The API was **deployed using a Flask server** and hosted on **Vercel**.

2. Aapka Apna Doctor (Telegram Bot, Web Scraping, Rasa Bot Framework, Hosted on Heroku)

- A **Telegram Bot** which takes day to day medical queries from the user as input and gives a suitable solution.
- The bot is **trained** from the data on **130 diseases** and queries related to them **scraped** from **WebMD's website** and is hosted on **Heroku**.

3. CoviDapp (Tezos Blockchain, TzKt API, ReactJS, SmartPy)

- A **blockchain** based web application that helps solve the problem of distribution of covid vaccines.
- The app uses **ReactJS** for client side rendering, smart contracts were written via SmartPy. All the transactions in the chain are openly accessible to the taxpayers, thus ensuring corruption less vaccine distribution.
- Secured **top 10** position in the **Python Week Hackathon** for building **CoviDapp** among **60+** submissions & **115+** participants.

4. GyaanOP (Android Application, Kotlin, Inshorts API)

- An android application built using **Kotlin** that fetches news related to the user's favourite topics from an API.
- Card styled news headlines & images** are displayed and the whole article can be accessed by clicking the card. The app has its own **browser implementation** using **Chrome Custom Tabs** to make good UX.

Skills

- Languages:** Java, Python, JavaScript
- Lib/Frameworks:** NodeJS, jQuery, Flask
- Databases:** SQL, MongoDB
- Familiar with:** C++, TypeScript, Git, Heroku, Vercel, React

Achievements

- 3rd prize in HackCBS3.0** among participants from **260+ colleges & 2000+ registrations**
 - A rap generation website, **Aapka Apna HipHop** that uses **HTML, CSS** and **JS** in the front-end, a **ML model** developed by a teammate was deployed in the backend using **Flask**.
- Top 20 in OctaHacks 3.0** among 100+ participating teams.
 - Our team built a modern day **webapp** called **CovidDeck** with **Graphs to visualize the stats**.
 - A **machine learning based self assessment bot** was made to check if you were infected by the Coronavirus. The result of the assessment was shown using **AR models deployed on EchoAR**.
- Achieved **1240** rank among **23,000** contestants in **December Long Challenge on Codechef**. My current rating on **Codechef** is **1663**.