Arnab Deep's Website
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Arnab Deep

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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.

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.

Achievements

- My team won the **3rd prize in HackCBS3.0** (India's largest student-run hackathon.) among participants from **260+ colleges & 2000+ registrations**, for developing **Aapka Apna HipHop** a rap generation website that uses **HTML, CSS** and **JS** in the front-end, a **ML model** developed by a teammate was deployed in the backend using **Flask**.
- Finished **top 20 among 100+ participating teams**. Our team developed a modern day **webapp** called **CovidDeck**, your one stop app for everything related to Covid. We built a Covid Stats section 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.**