

DEVANSH UPADHYAY

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EXPERIENCE

SRFusion Tech

Feb 2024 – Mar 2024

SDE Intern, Remote

- Leveraged Django REST framework to work with authorization and authentication and API testing with Postman.
- Technologies used:** Python, Django REST, Postman

Red Fibre

Apr 2023 – Aug 2023

Full Stack Development Intern, Remote

- Took a leading role in developing a Django-Based Web App for Lab Inventory bookings, resulting in 30% faster reservation processing and optimization of resource allocation.
- Technologies used:** Python, Flask, Django

TECHNICAL SKILLS

Languages: Python, JavaScript, C/C++, SQL

Web Development: HTML, CSS, Flask, Django, NodeJs, ExpressJs

Databases: MongoDB, MySQL

Technologies & Tools: Git, GitHub, Postman

EDUCATION

Bharati Vidyapeeth Deemed To be University

2021 – 2024

Bachelor of Technology Computer Science and Business Systems, Overall GPA: 9

Navi Mumbai

- Subjects: Object Oriented Programming, Database Management System, Computer Networks

Bharati Vidyapeeth Institute of Technology

2018 - 2021

Diploma in Computer Technology, Percentage: 88.74%

Navi Mumbai

PROJECTS

Heart Care - An early heart attack prediction using gen AI.

Jun. 2023 - May 2024

- Tech Stack:** Python, Django, Llama2, PyTorch
- Developed a Django MVC web application, focusing on integrating pre-trained TabNet architecture and handling llama2 API requests and responses.
- Managed GitHub repository for continuous integration and collaboration with team members.

MakerSpace Cloud - Lab Inventory System

Jul. 2023 – Aug. 2023

- Tech Stack:** Python, Django
- Led the development of User and Admin panels, resulting in a 25% boost in user engagement, and addressed merge conflicts on GitHub.

Fake News Detection - Chrome Extension

Apr. 2023 – Jun. 2023

- Tech Stack:** Python, Flask
- Integrated a pre-trained ML model for article classification and established interactions by Chrome extension.

TECHNICAL CERTIFICATIONS

- Google - Crash Course on Python
- University of Pennsylvania - Computational Thinking for Problem Solving
- IBM - Introduction to Artificial Intelligence (AI)

ACTIVITIES

- Filed a patent application titled "Heart Attack Risk Prediction System with Wearable Device Integration and Personalized Guidance" (Application No. 202421027477)
- Secured 50,000 Rupees seed funding from Bharati Vidyapeeth Deemed to be University, Pune, for the research project "Heart Care: An early heart attack prediction using gen AI."
- Co-authored and presented the research paper titled "Early Heart Attack Prediction Using Transformers" at the International Conference on Advanced Communication, Energy and Big Data 2024
- Technical Core Team Member from Mar 2022 – Jul 2022. **Web Design Competition Coordinator** - Organized a college-level web design competition with 15 participants.
- Co-authored a research paper titled **Chat Application for Students using Flutter & Dart**, featured in the 2021 publication of the International Journal of Innovative Research in Computer and Communication Engineering.