

DEVANSH UPADHYAY

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EXPERIENCE

SRFusion Tech

Feb 2024 – Apr 2024

Software Development Engineer Intern, Remote

- Contributed to a text-to-image generation feature using **Stable Diffusion**
- Implemented authentication and authorization using **Django REST Framework**, **JWT**, and **social-auth** (Google, Facebook), improving security with **30%**.

Red Fibre

Apr 2023 – Aug 2023

Full Stack Development Intern, Remote

- Contributed to MakerSpace Cloud Lab Inventory System with **Python**, **Django**, and **SQLite**; implemented admin dashboard, booking calendar, and resolved merge conflicts, enhancing reservation processing by **30%**.
- Developed a Chrome extension for fake news detection using **Flask API** and **JavaScript**, integrating an ML model as the **backend**, enhancing user experience by **30%**.

TECHNICAL SKILLS

Languages: Python, C/C++, SQL

Libraries & Frameworks: Django, Flask, Streamlit, PyTorch, Numpy, Pandas, Keras, Scikit-Learn, SQLAlchemy

Databases: MySQL, SQLite, MongoDB

Technologies & Tools: Git, GitHub, Postman

TECHNICAL PROJECTS

Heart Care - An early Heart Attack Prediction Using Gen AI.

- Tech Stack:** Python, Django, Llama2, PyTorch
- Engineered a Django web application, integrating pre-trained TabNet architecture and managing llama2 API requests, enhancing data processing efficiency by **40%**.

MakerSpace Cloud - Lab Inventory System

- Tech Stack:** Python, Django, SQLite
- Implemented an admin dashboard with **real-time analytics**, **daily footfall graphs**, and equipment booking **calendar** and **forms**; created help blogs and reduced booking errors by **20%**.

Resume ATS Using Gen AI

- Tech Stack:** Python, Google Gen AI, Streamlit
- Built a tool using gen AI for enhanced resume screening by converting PDFs to images and generating responses through the gen AI.

EDUCATION

Bharati Vidyapeeth Deemed To be University, Department of Engineering and Technology

2021 – 2024

Bachelor of Technology Computer Science and Business Systems, GPA: 9.12

Navi Mumbai

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

Bharati Vidyapeeth Institute of Technology, Polytechnic

2018 - 2021

Diploma in Computer Technology, Percentage: 88.74%

Navi Mumbai

TECHNICAL CERTIFICATES

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

PUBLICATIONS

- Early Heart Attack Prediction Using Transformers at ICACEBD-24.
- Chat Application for Students using Flutter & Dart at LJIRCCE-21.

LEADERSHIP

- Technical Core Team Member from Mar 2022 – Jul 2022; **Web Design Competition Coordinator** - Organized a college-level web design competition with 40 participants.

EXTRA CURRICULAR ACTIVITY

- 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 BVDU, Pune for the research project Heart Care: An early heart attack prediction using gen AI.