

Devansh Upadhyay

devanshupadhyay26@gmail.com / +91 98921 13856 | Mumbai, India
github.com/DevanshUpadhyay26 / linkedin.com/in/devansh-upadhyay/ | devy.tech

Skills

Languages: Python, Java, SQL

Databases: SQLite, MySQL

Technologies & Tools: Django, DRF, Flask, SQLAlchemy, Pandas, NumPy, PyTest, HTML, CSS, Docker, Ollama, Git, GitHub, Postman, Linux, AWS(EC2, S3), TCP/IP, Socket, JWT, OAuth2.0, VS Code.

Work Experience

SRFusion Tech, Remote

Feb 2024 – Apr 2024

Software Development Engineer (Backend) Intern

- Contributed to robust authorization using **Django REST Framework**, **JWT**, and social media authentication for a text-to-image generation web application.
- Collaborated in Agile development with daily standups, ensuring efficient iteration and delivery of secure access controls.

Red Fibre, Remote

Apr 2023 – Aug 2023

Full Stack Developer Intern

- Contributed to a client-facing admin dashboard for the MakerSpace Cloud Lab Inventory System, featuring **real-time analytics**, an equipment booking calendar, and help blogs using **Python**, **Django**, and **SQLite**.
- Built a Chrome extension for fake news detection by integrating a machine learning model with a **Flask API** and **JavaScript**.

Project Work

Heart Care - An Early Heart Attack Prediction Using Transformers | Python, Django, Ollama

[Link](#)

- Engineered a **Django** web application integrating the pre-trained **TabNet** architecture and managing Llama2 API requests, which significantly improved data processing efficiency.
- Worked on **Data Augmentation** to improve model performance and accuracy, ensuring robust predictions.

MakerSpace Cloud - Lab Inventory System | Python, Django, SQLite

[Link](#)

- Implemented an admin dashboard with **real-time analytics**, daily footfall graphs, and an equipment booking calendar and forms.
- Provided comprehensive end-to-end support throughout the project life cycle, from development to delivery, resulting in a **20% reduction** in project delivery time and successful deployment **2 weeks** ahead of schedule within the **4-month** project timeline.

Restaurant QR Code Generator | Python, Django

[Link](#)

- Developed a **Django**-based web application for generating unique **QR codes** for restaurant menus, enabling easy digital menu access for customers.
- Implemented responsive design ensuring seamless user experience across smartphones, tablets, and desktops, enhancing customer convenience and hygiene

Education

Bharati Vidyapeeth Deemed University, Navi Mumbai

2021-2024

Bachelor of Technology in Computer Science and Business Systems

CGPA:8.9/10

Relevant Coursework: Object Oriented Programming, Database Management Systems, Data Structures and Algorithms, AI/ML

Awards and Certificates

- Filed patent for **Heart Attack Risk Prediction System with Wearable Device Integration** (App. No. 202421027477), under review. | [Link](#)
- Published paper on **Early Heart Attack Prediction Using Transformers** at the 2024 International Conference on Advanced Communication, Energy, and Big Data. | [Link](#)
- Google** - Crash Course on Python | [Link](#)
- IBM** - Introduction to Artificial Intelligence (AI) | [Link](#)