

YASH JHAVERI

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EDUCATION

DJ Sanghvi College Of Engineering

BTech in Computer Engineering

2019 – 2023

CGPA 9.68

Coursework: Data Structures and Algorithms, Applied Mathematics, Database Management, Artificial Intelligence, Machine Learning, Big Data

WORK EXPERIENCE

IIT Patna

Research Intern

October, 2021 – Present

Advisor: Dr. Raju Halder

- Working in the Blockchain and Machine Learning domain, we are employing Graph Neural Networks and classification algorithms on Ethereum and Bitcoin transaction data.

PRIXLED

Backend Developer Intern

June, 2021 – July, 2021

Mumbai, India

- Created a real-time chat application using sockets and Django Channels and integrated it with the website.
- Implemented real-time notifications for feed updates or chat messages using Django Channels.
- Built APIs and helped in designing the database structure for various parts of the website.
- Tech Stack Used: Django, SQL, Django Rest Framework, Redis and Django Channels.

Sapio Analytics

Backend Developer Intern

December, 2020 – March, 2021

<http://www.sapioanalytics.com/>

- Brain-stormed and laid the foundations of the database design and implemented user authentication functionality for the Smart Hospital Project
- Handled data from MySQL and MongoDB databases and built APIs for smooth interaction between the databases using Django for the UP Census Project
- Developed APIs and implemented real-time graphs for the HCBI project which involved a live video feed deep learning algorithm which assisted the client in making ad campaigns.
- Tech Stack Used: Django, Django Rest Framework, ReactJS, SQL and MongoDB.

RESEARCH AND PUBLICATIONS

[1] Shubh Nisar*, Yash Jhaveri*, Tanay Gandhi*, Tanay Naik*, Sanket Shah, Pratik Kanani, “ Waste Segregation into Biodegradable and Non-Biodegradable using Transfer Learning ” in ICACET 2021. Presented and Accepted.

PROJECTS

MacroMedic | MERN Stac, Sockets, Flask, ML, NLP

Advisor: Prof. Pankaj Sonawane

- A doctor-patient interaction platform for face-to-face online consultations.
- The platform provides an appointment scheduler with an integrated video-conference platform.
- Provides doctor recommendations using reviews and patient symptoms.

JAAY | React, Django, MySQL, Milesweb

2021-2022

- A website for an NGO in Delhi primarily aiming to showcase their work, attract more donations and automating daily tasks reducing the workload of the volunteers.

DJ Events | React, Django, MySQL

2021

- A college project used to provide a single platform for the various events organized by various committees and clubs.
- Primary goal is to provide notification for upcoming events and registrations of college students in those events.
- Managing the members of the club or committee and assign them tasks.

TECHNICAL SKILLS

Languages: Python, Java, C, JavaScript, SQL, NoSQL, HTML, CSS

Databases: MySQL, SQLite, PostgreSQL, MongoDB

Technologies/Frameworks: Django, Django Rest Framework, React, Pandas, Numpy and Matplotlib, Scikit-Learn, Keras, Tensorflow, Flask, NodeJS, ExpressJS, PyTorch, Git, Github

Additional: Web Development, Machine Learning, Deep Learning, Natural Language Processing, Computer Vision, Graph Neural Networks

EXTRACURRICULAR

DJ Unicode

2020 – Present

Full Stack Mentor

- DJ Unicode is a student development club which guides Juniors to kickstart their coding journey making them proficient in development. We undertake projects from clients as well as our college.
- Have mentored a team of 3 students to successfully achieve their goal of becoming Full Stack Django Developers assisting them in learning and developing projects using the Django, React and SQL stack.
- Worked on an NGO project undertaken by DJ Unicode, DJ Events, an events management portal for the college and DJ Grouping, a portal for like-minded people to come together and collaborate for the college.

DJ ACM

2020 – 2021

Editorial Co-Head

- Wrote technical blogs Computer Vision and IOT for the DJ ACM annual college magazine