

Ansh Srivastava

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EDUCATION

Vellore Institute of Technology

B-Tech in Computer Science and Engineering

GPA / Coursework: 7.20/10, Operating System, Data Structures and Algorithms, OOPs, DBMS.

Bhopal, IN

2024(expected)

PROJECT EXPERIENCE

ZUBAAN

Project Head

Bhopal, IN

Nov 2022 – Dec 2022

- Zubaan is a network of technologies that aims to provide sustainable solutions for animals, including pets, stray animals, and wildlife sanctuary species.
- Zubaan is an IoT-based machine learning project that consists of three parts: the Ani Band Device, the BEZUBAAN App, and the machine learning model. The Ani Band Device is a smart collar for animals that provides real-time health updates to caretakers, while the BEZUBAAN App offers features such as veterinary services, e-commerce products, games, and first-aid instructions for animal owners.
- The app also has an SOS button for reporting injured stray animals. Based on TensorFlow and using the Relu and sigmoid functions, the machine learning model predicts and classifies the animal's health status and acts as a middle layer between the Ani Band Device and the BEZUBAAN App.
- Produced a platform that can help animals of all kinds, whether a pet, a stray, or a rare species. By this, animal rescue can be improved by 50%, and the animal life rate expectancy can be increased by 45%.

JAARS DB

Project Head

Bhopal, IN

Jan 2022 – April 2022

- Analysed the future of DBMS through the WEB3.0 technology which will enhance security and operation of data.
- A Web 3.0 DBMS (Database Management System) which fragmented the big data into small chunks and then decentralized these chunks. Which can enhance security of Data by 50% and feasibility of Data Accessing by 60%.

VIRSIS

Project Head

Bhopal, IN

Sept 2021 – Jan 2022

- Examined that there is no proper system where user can post their review of their experience towards any particular service.
- Virsis, an amalgamation of two words, virtual and analysis, is a cross-seller review system used to gain feedback over various amenities irrespective of their seller organization that can reduce review manipulation by 80%.

CERTIFICATIONS

Google Data Analytics Professional Certificate:

Online Course – Google

February 2023

Machine Learning

Online Course – Stanford Online

Jan 2023

ACTIVITY

VIT Enactus Society (Vice President)

Feb 2022 – April 2022

- Handled Operations of the society with planning of society events and ensure adherence to guidelines to maintain eligibility as a registered student organization.
- Organizer of ONE INDIA a platform through which you can showcase your culture fusing with modern arena with a participation of more than 90 students.

Learning Assistant (C++)

Nov 2021 – April 2022

- Supported incoming freshmen throughout their first year by helping them transition to the computer science world by teaching C++ and Basic Computer Science.
- Guided 48 students across two class sections (Fall 2021) and 25 students in one class section (winter 2022).

TECHNICAL SKILLS

Skills: Python (Intermediate), C++ (Intermediate), Statistics (Intermediate), SQL(Intermediate), DBMS(Intermediate).