



Vaishnavi

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EDUCATION

B.Tech, Computer Science

Sep 2020 – Jun 2024

Presidency University, Bangalore, CGPA: 9.42

Higher Secondary, Science (CBSE)

Apr 2018 – Apr 2020

Army Public School, K Kamraj Road, Bangalore, India, CGPA: 8.6

TECHNICAL SKILLS

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

Frameworks: Sass, Bootstrap, Tailwind CSS

Libraries: React, Pandas, NumPy, Matplotlib

Developer Tools: Git, VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse, Jupyter Notebook, Codeblocks

Soft Skills: Solution-oriented, Public Speaking, Versatility, Collaborative Thinking

RELEVANT COURSEWORK

- Data Structures and Algorithms
- Object-Oriented Programming
- Computer Networks
- Database Management Systems
- Operating Systems
- Data Science Fundamentals

PROJECTS

Fetal Distress Classification based on Cardiotocography

Jan 2024 – May 2024

- Developed of an automated system for fetal distress detection using Fetal Heart Rate and Uterine Contractions.
- Implemented CNN model that achieved 98.3% accuracy using techniques such as data augmentation.

Music Genre Classification using Machine Learning Algorithms

Oct 2023 – Dec 2023

- Implemented machine learning models for genre classification, achieved optimal performance with Random Forest.
- Extracted audio features like MFCCs from the GTZAN dataset to improve classification accuracy and efficiency.

Zomato Clone (Frontend)

Sep 2023 – Oct 2023

- Built a Zomato UI clone focusing on a user-friendly interface and optimizing key design elements.
- Implemented dynamic components, ensuring a smooth and interactive user experience.

IPL Score Predictor

May 2023 – Sep 2023

- Developed a Deep Learning model using TensorFlow to predict IPL match scores based on historical data.
- Built an interactive user interface with ipywidgets for real-time score predictions based on team data.

Zerodha Clone (Frontend)

Sep 2022 – Oct 2022

- Developed a Zerodha home page UI clone, accurately replicating the original design and layout.
- Ensured pixel-perfect styling and maintaining a seamless user experience.

LEADERSHIP/ EXTRACURRICULARS

Technical Head

Sep 2022 – Dec 2022

Omega Club

- Led and organized campus hackathons in collaboration with HackerRank, attracting hundreds of participants.
- Managed a team of 6 developers to facilitate strategic execution and problem-solving during hackathons.

CERTIFICATIONS

MTA: Introduction to Programming Using HTML and CSS – **Microsoft**

CS50: CS50's Introduction to Programming with Python - **CS50**

NPTEL Privacy and Security in Online Social Media - **NPTEL, IIIT Hyderabad**