Vaishnavi

9380244522 | ✉ thv.bhat@gmail.com | 🔗 LinkedIn | GitHub

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 – Oct2023
- 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**