

VAISHNAVI

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EDUCATION

Presidency University

Bachelor of Technology in Computer Science and Engineering

Sep 2020 - Jun 2024

CGPA : 9.42

Army Public School

Higher Secondary, Science (CBSE)

Apr 2018 - Apr 2020

CGPA : 8.62

RELEVANT COURSEWORK

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

PROJECTS

[Fetal Distress Classification using Deep Learning](#) | Python, Tensorflow, Keras, CNN

- Developed 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](#) | Python, Pandas, NumPy, Librosa, KNN, Random Forest, Logistic Regression

- 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.

[Loan Approval Prediction](#) | Python, Pandas, NumPY, KNN, Random Forest, Logistic Regression

- Built loan approval model using KNN, Random Forest, and Logistic Regression, achieving 82.5% accuracy.
- Preprocessed loan dataset by handling missing values, encoding categories, for model optimization.

[Zomato Clone \(Frontend\)](#) | HTML, CSS, JavaScript

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

[Zerodha Clone \(Frontend\)](#) | HTML, CSS, JavaScript

- Created a Zerodha UI clone, replicating its modern design and user-friendly interface with attention to detail.
- Implemented dynamic and interactive dashboard components, ensuring a smooth and interactive user experience.

TECHNICAL SKILLS

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

Frameworks: Sass, Bootstrap, Tailwind CSS

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

Libraries: React, Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn, TensorFlow

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

Introduction to Programming Using HTML and CSS - [Microsoft](#)

Introduction to Programming with Python - [CS50](#)

Privacy and Security in Online Social Media - [NPTEL, IIIT Hyderabad](#)

ACHIEVEMENTS

Secured **Second Place** in CODE FIESTA, a coding competition at Open Day 2024, IISc, Bangalore.

Silver Medal (Distinction) - NPTEL Examination - Privacy and Security in Online Social Media (IIIT Hyderabad).