Bhushan Chavan

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My Portfolio | linkedin.com/in/bhushanchavan09 | github.com/Bhushan0009

Summary

I am a Graduate in Engineering with strong problem solving skills, a passion for learning, and expertise in programming. Looking for a challenging role to utilize my skills. Interested in contributing to the success of an innovative organization by delivering high-quality software solutions.

Technologies

- Python
- MySQL
- HTML & CSS
- Linux

Education

B.E Computer – 8.09 GPA   June 2019 – June 2023
Sandip Institute Technology and Research Centre   Savitribai Phule Pune University

H.S.C – 63.23 %   July 2018 – May 2019
Arts, Commerce And Science College   Maharashtra State Board

S.S.C – 85.00 %   June 2016 – March 2017
P. R. Highschool   Maharashtra State Board

Experience

AI Engineer Intern, STSARC   Apr 2025 – Present

- Developed a customer support chatbot from concept to deployment, successfully training the model to respond to common inquiries and improving the user experience.
- Leveraged NLTK and TextBlob to perform text processing tasks, contributing to the successful creation and implementation of a self-learning conversational tool.

Web Developer, Freelance   May 2025 – July 2025

- Developed and launched a full-stack business landing page for Sunrise Lab, a diagnostic and specialty lab, significantly improved the client's online lead generation.
- Managed the end-to-end development lifecycle, from initial design with HTML, CSS, and JavaScript to deployment on Vercel, ensuring a responsive and user-friendly interface.

Intern, Internship Studio   June 2022 – July 2022

- Assisted in the development of a basic natural language processing (NLP) model under supervision, contributing to a project focused on translating and categorizing text data.
- Cleaned and preprocessed raw text data to prepare it for model training, ensuring data quality and consistency for the final application.

Web Developer Intern, HummingByte Pvt. Ltd.   Feb 2022 – Mar 2022

- Engineered and maintained clean, well-documented code for various site components, ensuring accessibility and consistency across the platform.
- Optimized user interfaces by implementing responsive designs with HTML and CSS, resulting in an improved site experience for visitors on both mobile and desktop devices.

Projects

Automated Bird Species Identification Using Audio.

- Designed and implemented a system for identifying bird species from audio recordings, utilizing advanced signal processing techniques like Mel-Frequency Cepstral Coefficients (MFCCs) for feature extraction.
- Built a robust classification pipeline in Python, and designed and trained a Convolutional Neural Network (CNN) model using TensorFlow and scikit-learn for accurate species identification.

Library Management System.

- Engineered a full-stack Library Management System as a personal project to streamline operations and provide an intuitive user experience.
- Implemented core functionalities including secure user authentication, a comprehensive book search engine, and a robust system for managing check-ins, check-outs, and overdue items.
- Developed the backend using Python and the Django framework with a PostgreSQL database, while designing a responsive and user-friendly front-end with HTML, CSS, and JavaScript.

Pathology Lab Website.

- Implemented key functionalities including a secure online appointment booking form and a detailed informational section on lab services.
- Developed the full-stack application using the Django framework with a PostgreSQL database, and built a responsive front-end with HTML, CSS, and JavaScript.
- Managed media assets with Cloudinary and deployed the final application on Vercel, ensuring high performance and reliability.

Certifications

- Linux System from Great Learning.
- Python Programming from Infosys Springboard