HARSH PANDEY

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EDUCATION

Information Science And Engineering, B.E, AMC Engineering College   2022 - 2025

SKILLS

Technical Skills	C++, HTML, CSS, React, Node.js, MySQL, Django, Python
Soft Skills	Problem-Solving, Communication, Teamwork, Adaptibility, Time Management, Leadership
Additional Skills	Analytical Thinking, Project Management, Learning Agility, Presentation Skills

EXPERIENCE

Front End Developer   27 Oct 2023 - 1 Dec 2023
Varcons Technologies Pvt Ltd   *Bengaluru, Karnataka*

- Designed and developed a music playlist generator website template, enhancing user experience and interface.
- Coordinated a group of 4 team members, assigning tasks and overseeing the development process from conception to deployment.
- Utilized HTML, CSS, and JavaScript for the front-end.

Machine Learning Intern   25 Nov 2022 - 25 Jan 2023
Coincent   *Bengaluru, Karnataka*

- Built a self-driving car simulation using Python and machine learning algorithms, improving object detection accuracy by 20%.
- Directed a team of 4 peers in developing the simulation, fostering collaboration and ensuring project milestones were met.
- Implemented and fine-tuned various machine learning models such as Convolutional Neural Networks (CNNs) for the project, achieving robust performance in the simulation environment.

PROJECTS

Smart Attendance System using AI

- Developed a facial recognition-based smart attendance system that dynamically tracks faces, identifies users, and records attendance automatically.
- Integrated libraries like cx_Freeze, numpy, opencv-python, Pillow, pandas, and tkinter for processing and GUI.
- Utilized a webcam for real-time tracking and facial recognition, with the system designed to handle multi-face detection and mask detection.

Music Playlist Generator Web Template

- Developed a dynamic web application that generates music playlists based on user preferences and input, enhancing user experience through personalized music recommendations.
- Utilized HTML, CSS, and JavaScript for the front-end interface, and Node.js with MongoDB for the back-end server and database to handle user data and preferences.

Math with Gesture AI Project

- Created an AI-powered application that recognizes hand gestures and performs mathematical operations based on the detected gestures, making learning math interactive and fun.

- Implemented using Python, OpenCV for gesture recognition, and TensorFlow for machine learning model interpretation, with a user interface for displaying results.

Library Management System

- Developed a comprehensive library management system to streamline book borrowing and returning, inventory management, and user account handling.

- This project improved the efficiency of library operations using HTML, CSS, and JavaScript for the front-end, with XAMPP (Apache, MySQL, PHP, and Perl) for the back-end server and database management, providing a user-friendly interface for library staff and users.

CERTIFICATIONS

- Software Engineering Job Simulation by JP Morgan Chase And Co
- Full Stack Web Development by Udemy
- Full Stack Web Development by Varcons Technology
- Data Analytics and Visualization by Accenture