Ahad Prasla

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EDUCATION

LORDS UNIVERSAL COLLEGE   **INDIA**
Bachelor of Science in Computer Science,   *2020–2023*
(GPA: 3.74/4.0)

MITHIBAI COLLEGE   **INDIA**
Higher Secondary Education,   *2018–2020*
(Grade: B)

HILL RANGE HIGH SCHOOL   **INDIA**
Secondary School Certificate   *2017-2018*
(Grade: A

INTERNSHIPS

PRODIGY INFOTECH   **Mumbai, IND**
Role: Generative AI Intern   *Aug 2024*
- Developed and optimized generative models, including GANs and Markov's chain, focusing on enhancing model performance and output quality.
- Conducted extensive data collection and preprocessing to ensure high-quality training datasets, improving the reliability of model results.
- Gained hands-on experience with advanced AI tools and programming languages such as Python.
- Enhanced problem-solving and teamwork abilities through collaboration on cross-functional projects

YBI FOUNDATION   **Mumbai, IND**
Role: Data Analyst and AI ML Intern   *June 2024- July 2024*

- Developed Machine Learning Models: Worked on projects using TensorFlow and Scikit-learn to create predictive models that improved decision-making processes.
- Data Analysis and Visualization: Used tools such as PowerBI to perform exploratory data analysis (EDA) and generate interactive dashboards that translated complex data into actionable insights for stakeholders.
- Hands-on experience with several datasets: Managed and preprocessed massive datasets, using statistical approaches to detect patterns and anomalies across multiple domains.

OUTSHADE   **Mumbai, IND**
Role: Full-Stack Developer   *Dec 2023-Jan 2024*

TECHNICAL SKILLS

- Languages: Python, Java, C, SQL, HTML, CSS, PHP
- Developer Tools: VS Code, Git, PyCharm, and NetBeans
- Frameworks and Technologies: Flask, Bootstrap, Keras, Pandas, Numpy, Matpoltlib, MySQL, Scikit-learn and NLP

- Project Management and Data Analytical skills.
- Ethical Hacking .

PROJECTS

VOLUME-CONTROL-GESTURE *Nov 2023–Jan 2024*

- Project Overview: Created a gesture-based volume control system that allows users to modify audio levels using hand motions, hence improving user interaction without physical contact.
- Technology Stack: Used Python, OpenCV, and MediaPipe for real-time hand gesture detection, recording hand landmarks to calculate the distance between the thumb and index finger, which is directly proportional to volume changes.
- Key features: Implemented a user-friendly interface that dynamically adjusts system volume based on hand movements, allowing for a smooth and novel approach to audio control.

HANDWRITTEN DIGIT RECOGNITION USING ML AND PYTHON *Dec 2023–Mar 2023*

- Project Overview: Created a web application for handwritten digit recognition that enables users to write digits on a canvas, which are then processed and recognized by a Convolutional Neural Network (CNN) trained on the MNIST dataset.
- Technology stack included Python with Flask for the backend, TensorFlow and Keras for the machine learning model, and HTML/CSS with JavaScript for the frontend. The program uses a canvas to take user input and process it in real time.
- Key Achievements: Digit recognition achieved over 99% accuracy, allowing users to draw digits and receive rapid feedback on which digits were identified.

COLLEGE LIBRARY MANAGEMENT SYSTEM *Jul 2022-Oct 2022*

- Project Overview: Created a comprehensive College Library Management System that controls book inventory, tracks borrowing activities, and includes an integrated messaging system to facilitate communication between students and library staff.
- Technology stack: The backend was built with PHP, MySQL for database management, and a responsive frontend interface utilizing HTML/CSS and JavaScript. Flask was previously explored; however, it was substituted with PHP to improve server-side operations.

CERTIFICATION

- Accenture North America - Data Analytics and Visualization Job Simulation – FORAGE *Aug 2024*
- Flutter UI Bootcamp | Build Beautiful Apps Using Flutter – UDEMY *Jan 2024*
- Python for Machine Learning – GREAT LEARNING *Jan 2024*
- Data Science Associate (EMCDSA) – PROGRAMMING HUB *Nov 2023*
- Ui/Ux Design Using Figma Application – LORDS UNIVERSAL COLLEGE *Feb 2023*