

Ahad Prasla

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EDUCATION

LORDS UNIVERSAL COLLEGE

Bachelor of Science in Computer Science,
(GPA: 3.54/4.0)

INDIA
2020–2023

MITHIBAI COLLEGE

Higher Secondary Education,
(Grade: B)

INDIA
2018–2020

HILL RANGE HIGH SCHOOL

Secondary School Certificate
(Grade: A)

INDIA
2017-2018

INTERSHIPS

PRODIGY INFOTECH

Role: Generative AI Intern

Mumbai, IND
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

Role: Data Analyst and AI ML Intern

Mumbai, IND
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

Role: Full-Stack Developer

Mumbai, IND
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, Matplotlib, 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 2020–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

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