

JINAL MAKWANA

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Dynamic AI and ML graduate seeking an entry-level position to apply academic knowledge in data analytics, machine learning and programming. Eager to contribute innovative solutions and collaborate within a forward-thinking team to address real-world challenges. Committed to continuous learning and growth in the rapidly evolving field of AI and ML.

EDUCATION

M.Sc. Integrated Artificial Intelligence and Machine Learning
Gujarat University, Ahmedabad, India

July 2019 - June 2024
8.00 CGPA

PROJECTS

Bellabeat Marketing Analysis Case Study

June 2024

- Analyzed usage data from Bellabeat's smart devices to identify consumer behavior patterns and usage trends.
- Conducted data cleaning, visualization and statistical analysis, resulting in a 15% increase in customer engagement and a 10% rise in device usage frequency.
- Delivered data-driven marketing strategies that contributed to a 12% increase in sales and expanded market presence.

Svasth

January 2024 - April 2024

- Developed a web-based application to streamline doctor-patient appointment scheduling using Flask.
- Implemented features for efficient appointment management and user-friendly interface.

Abalone Age Prediction

August 2023 - October 2023

- Created a web app to predict abalone age using Linear Regression and Random Forest models.
- Achieved an accuracy of 82%, ensuring reliable age predictions.

Handhive

February 2023 - April 2023

- Developed an interface for controlling desktops via hand gestures, eliminating the need for a mouse or keyboard.
- Utilized OpenCV, MediaPipe, PyAutoGUI and Pynput libraries for gesture recognition and desktop control.

Healthcure

September 2022 - December 2022

- Designed an API to detect diseases from patient test reports using Deep Learning and Machine Learning algorithms.
- Provided automated test result analysis and disease identification.

Car Damage Detection

February 2022 - April 2022

- Built a system to identify and assess car damage severity from images using four Deep Learning models.
- Enhanced accuracy in damage detection and localization.

Nutritional Content of Cereals

November2021 - December2021

- Analyzed the nutritional content of cereals to rate manufacturers based on health metrics.
- Applied data visualization techniques to present findings effectively.

TECHNICAL SKILLS

Languages: Python

Data Analysis & Visualization: Flask, Power BI, Tableau, Weka

Web Development: Bootstrap, CSS, HTML

Database Management: MongoDB, MySQL

Cloud Platform: AWS

Software & Tools: GitHub, Jamovi, Jupyter, MS Office, PyCharm, SPSS, VS Code

Technologies: Natural Language Processing, Machine Learning, Deep Learning

SOFT SKILLS

- Adaptability
- Analytical Thinking
- Effective Communication
- Problem Solving
- Teamwork and Collaboration
- Time Management

CERTIFICATIONS

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| • Google Data Analytics Professional Certificate | June2024 |
| • Internship in Artificial Intelligence and Machine Learning | April2024 |
| • Poster Demonstration at Arya International Conference | March2024 |
| • Symposium Presentation at National Conference on Applied Mathematical Sciences | March2023 |
| • Python for Everybody Specialization | May2021 |