

Madhumitha S

Data Analyst

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CAREER OBJECTIVE

Final-year CS student with strong Python and problem-solving skills. Passionate about AI/ML and eager to apply my knowledge through real-world projects. Seeking an internship to learn, grow, and contribute to innovative AI solutions.

EDUCATION

Bachelor of Engineering (B.E)

Global Academy of Technology

2022 – 2026

Senior Secondary (XII), Karantaka State Board

ST CLARET PU COLLEGE

2022

Science

Percentage: 8.33%

Secondary (X), Karantaka State Board

Shiksha Niketan School

2020

Percentage: 92.8%

SKILLS

- C Programming
- Web development
- Machine Learning
- Python
- SQL
- Linux
- Tableau
- Blockchain

WORK EXPERIENCE

Data Science . Internship

Exposys Labs

04/2025 – 05/2025 | Virtual

Full Stack Development . Internship

Prinston Smart Engineers

01/2024 – 02/2024 | Bangalore

PROJECTS

Smart robotic arm based broom with dust detection using IoT and computer vision

08/2025 – 12/2025

A smart robotic arm-based broom system that automatically detects and cleans dust using computer vision (OpenCV) and IoT. The robotic arm moves the broom or brush to dirty areas and cleans efficiently, reducing manual effort and improving hygiene, showcasing practical use of IoT, robotics, and AI.

Plant disease detection

11/2024 – 01/2025

A machine learning-based system that identifies plant diseases from leaf images. It uses image processing and a trained model to classify healthy and diseased plants, helping enable early detection and improving crop management.

Diabetes Detection Model

04/2025 – 05/2025

A machine learning model that predicts diabetes risk using health data like glucose, BMI, age, blood pressure, and insulin. Involves data preprocessing, training models, and selecting the best one for quick predictions, demonstrating skills in Python, data analysis, and ML for healthcare.

Clustering hospital patients for prioritization

05/2025 – 06/2025

A machine learning model that predicts diabetes risk using health data like glucose, BMI, age, blood pressure, and insulin. Involves data preprocessing, training models, and selecting the best one for quick predictions, demonstrating skills in Python, data analysis, and ML for healthcare.



TRAININGS / CERTIFICATIONS

TechA Blockchain Developer

Blochchain

06/2025 – 07/2025 | Bangalore

A certification that validates practical skills in blockchain technology, including distributed ledgers, consensus mechanisms, smart contracts, and cryptographic principles. Demonstrates hands-on experience with Ethereum, Solidity, and DApp development, highlighting readiness for blockchain and Web3 roles.

Basics Of Linear Algebra Using Python

07/2024 – 08/2024 | Virtual

A certification demonstrating fundamental linear algebra concepts and their implementation in Python. Covers vectors, matrices, linear transformations, and operations, along with practical applications in data analysis, machine learning, and scientific computing.

Practical HTML And CSS

02/2024 – 03/2024 | Virtual

A certification demonstrating hands-on skills in building and styling web pages using HTML and CSS. Covers structuring web content, applying styles, designing responsive layouts, and creating visually appealing web interfaces, highlighting foundational web development abilities.

Tableau

01/2025 – 02/2025 | Bangalore

Skilled in creating interactive dashboards and data visualizations using Tableau. Able to clean and analyze datasets, build meaningful visual stories, and derive actionable insights. Proficient with charts, filters, parameters, and publishing dashboards for data-driven decision-making.

HOBBIES

Reading books

Singing

Badminton

Tracking the progress of government khata.Tracking the progress of government khata.

05/2025 – 06/2025

A web app that helps users track the status of khata (land record) processes like registration, transfer, or verification. It shows real-time updates and makes the process faster and more transparent using a simple frontend and backend system.

Visual Analysis of COVID-19 Pandemic

03/2025 – 04/2025

A Tableau-based visual analysis of COVID-19 data using interactive dashboards. It displays key metrics like confirmed cases, deaths, recoveries, testing rates, and vaccinations. Users can explore trends, compare regions, and gain insights through dynamic charts, heatmaps, and filters to understand the pandemic's impact.

currency converter

01/2025 – 02/2025

A simple tool that converts one currency to another using predefined or API-based exchange rates, demonstrating basic UI design, input handling, and real-time calculation logic.

tic tac toe game

01/2025 – 02/2025

A two-player Tic-Tac-Toe game demonstrating basic programming concepts, logical thinking, and game flow. Features input handling, win/lose/draw detection, and board display, highlighting skills in loops, conditions, and problem-solving.

EXTRA CURRICULAR ACTIVITIES

Bharatanatyam Dancer

A passionate classical dancer who is about to complete junior level exam.

Event hoster

Event hostings as an MC ensuring clean organised and an event filled with joy and entertainment.

LANGUAGES

English



German



Hindi



Kannada



Telugu



Tamil

