

CAREER OBJECTIVE

Driven by a passion for AI, ML, & Data Analysis, I aspire to contribute to innovative projects that leverage data-driven insights to solve complex problems. I aim to deliver impactful solutions that support organizational growth and drive strategic success.

WORK EXPERIENCE

Generative AI • Internship Jun 2024

Citius Cloud Associated With IIIC Cell At Vidyavadhini's College Of Engineering & Technology, Vasai-Virar
Implemented RNNs, LSTMs, and Transformers using Python, PyTorch and TensorFlow. Analyzed BERT and RoBERTa using Hugging Face. Worked on decoders and Retrieval Augmented Generation models. Calibrated large models like LLAMA with prompt engineering.

Data Science • Internship Feb 2024

Prodigy Infotech, Virtual
Cleaned & preprocessed the "Titanic" dataset, ensuring data integrity. Conducted EDA with Python, uncovering sentiment patterns. Visualized trends with graphs for insights into public opinion. Enhanced data science skills and remote collaboration.

EDUCATION

Bachelor of Engineering (B.E), Artificial Intelligence And Data Science 2022 - 2026
Vidyavardhini's College Of Engineering And Technology

Senior Secondary (XII), CBSE 2022
Muljibhai Mehta International School, Thane
Percentage: 74.00%

Secondary (X), CBSE 2020
SMT Taramai Vartak Memorial Academy
Percentage: 94.20%

TRAININGS / CERTIFICATIONS

Data Analytics
Aug 2024 - Oct 2024
Godrej Infotech Ltd And Godrej & Boyce CSR Initiative
Conducted By Centum Foundation, Virtual
Built interactive dashboards and data visualizations using Microsoft Power BI. Analyzed datasets through data analysis and exploratory data analysis (EDA) to uncover trends. Applied statistical techniques to draw actionable insights and enhance decision-making. Strengthened data handling and communication skills to present findings effectively.

Microsoft Certified: Azure Fundamentals
Nov 2023 - Dec 2023
MLSC - VCET, Virtual
Gained foundational knowledge of Microsoft Azure services and cloud concepts. Explored key cloud solutions, including computing, networking, and storage. Demonstrated understanding of core Azure services and their applications. Strengthened skills in cloud architecture and basic cloud-based data solutions.

Python Foundation
Dec 2023 - Feb 2024
Infosys Springboard, Virtual
Learned core programming concepts and advanced Python techniques through the Python Foundation course. Built and executed Python projects to apply theoretical knowledge. Strengthened problem-solving skills and coding efficiency. Enhanced understanding of data structures, functions, and algorithms to support future data science and machine learning work.

Building A Face Recognition App Using Python And AI – AI-For-India Event
Apr 2021
Guvi Geek Networks, IITM Research Park, AICTE And BUDDI.AI, Virtual
Developed a face recognition app using Python and AI technologies as part of the AI-For-India event. Implemented machine learning algorithms for accurate facial detection and recognition.

PORTFOLIO

[GitHub link ↗](#)
[Portfolio link ↗](#)

PROJECTS

CineSLEUTH: Ultimate Engine for Movie Recommendations ↗

Sep 2024 - Oct 2024

CineSLEUTH is an intelligent movie recommendation system that combines advanced machine learning techniques such as TF-IDF vectorization, cosine similarity, fuzzy matching, and Apriori-based collaborative filtering. The system provides highly accurate and personalized movie recommendations for users.

ArcadePy ↗

Jun 2021 - Mar 2022

ArcadePy is an umbrella project that merges four classic Python-based arcade games into one repository. With a simple user interface, it allows you to choose from four exciting games: Slither, Pong, Hovering UFO, and Hangman. Each game offers unique mechanics and is built using Python, providing an entertaining and engaging experience right in your terminal or command line interface.

Collatz Conjecture ↗

Mar 2022

This project visualizes the Collatz Conjecture (also known as the $3x + 1$ problem) through interactive graphs. For a given natural number, the program calculates the Collatz sequence and displays it graphically.

SKILLS

- | | | |
|---------------------------|-------------------|-------------------------------------|
| • Python | • Django | • Machine Learning |
| • Data Analytics | • Statistics | • Power BI |
| • Artificial Intelligence | • Neural Networks | • Natural Language Processing (NLP) |
| • Data Science | | |

EXTRA CURRICULAR ACTIVITIES

- Participated in the Coherence 1.0 Hackathon, where we developed a Tkinter-based virtual assistant utilizing speech recognition and pyttsx3 for user interactions. The assistant processes commands, integrates with the Wit.ai API, and logs information in a JSON file. It features an intuitive GUI for smooth user experience.
- Led a team of 3 members in Paper-A-Thon at VCET, organized by the Depts. of Computer Engineering & Artificial Intelligence & Data Science on July 25th and 26th, 2024, showcasing my knowledge in technical writing and research in AI and CS.
- Led a team of 3 members in TechX 2K23 at VCET, demonstrating strong time management skills during a Product Showcase event organized by the Artificial Intelligence & Data Science Department in collaboration with VCET-NSDC on September 15, 2023.
- Actively engaged as an Outreach Associate in the Microsoft Learn Student Club, collaborating with team members to expand the club's impact while developing strong communication and leadership skills through outreach initiatives.