

Varun Vasamsetty

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PROFILE SYNOPSIS

- Software Developer professional in specialization with Computer Science from **VSIT (Mumbai University)**. Currently pursuing my master's in computer science.
- Implemented Machine Learning projects from conception till production.
- Experience in building predictive models and implementing methodologies for client product involving Business understanding, Data Mining, Machine Learning models and statistical modelling
- Experience in cloud platforms like Amazon Web Services (AWS) and Google Cloud Platform (GCP)
- Applied Data Science and Machine Learning tools and technologies on various academic projects related to Data Mining, Data Visualization, Machine Learning in both Supervised and Unsupervised learning, and Data Management

PROFESSIONAL WORK EXPERIENCE

Virtual Assistant – UPRISE ' CA

Mar'22 – Aug'23

Key roles:

- Managing emails, scheduling appointments, and setting reminders. Data entry, organizing files, and maintaining databases.
- Implementation of learning content evaluation strategy based on Kirkpatrick's Model of Training Evaluation
- Developing Forms and Pages in MS SharePoint to gather, interpret and examine the data to build Machine Learning Models
- Study and identify relevant findings and provide actionable insights to the leadership

PROJECTS UNDERTAKEN

Recommendation Tool analytics

Media and Entertainment - viewership

Implemented recommendation engine to identify similar users and shows to target audience by using ML models. Developed a Flask application for this engine with similarity scores using Python.

Sentiment Analysis compliance

Monitoring & Measurement – Learning

Built and automated process to understand the sentiment of comments gathered from MS SharePoint using classification algorithms Logistic Regression and Naïve Bayes with an accuracy of 85%.

ACADEMIC PROJECTS UNDERTAKEN

Stray Animal Adoption

The project aims to create a web-based application using Python and web frameworks like Flask or Django to connect stray animals with potential adopters. The system provides a platform for animal shelters, rescue organizations, and individuals to showcase animals available for adoption, enabling users to browse, inquire, and adopt animals. Where we achieved and impressed our coordinators to actually implement it.

Database Management System

Performed the analysis of SQL using SQLite on python jupyter notebook, where the SQL queries are implemented on IMDB data, prepared several queries to find out the different scenarios to give output based on the individual ID's given to every feature, names of the movies, actors, Directors, year of release etc., from the Data tables and Mapping tables which contains primary keys and foreign keys and Using libraries like pandas to read the data.

EDUCATION

| COURSE NAME | UNIVERSITY NAME | YEAR | CGPI |
|----------------------|---------------------------------|-----------|------|
| CS- Computer Science | VSIT Mumbai University | 2019-2022 | 8.14 |
| Intermediate (MEC) | Board of Intermediate Education | 2017-19 | 63% |

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|---------------------|--------------------------------------|---------|-----|
| Secondary Education | Central Board of Secondary Education | 2016-17 | 9.3 |
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TECHNICAL EXPERTISE

- Python, JavaScript, R, SQL
- Fast API, HTML, CSS
- Tableau, Power BI
- AWS, GCP
- MS SharePoint, SharePoint Designer, Nintex Forms
- Excel VBA