Balaji Tadisetty
Fresher

Profile

Detail-oriented and innovative Computer Science graduate with hands-on experience in AI/ML, computer vision, and full-stack development. Recently certified as a Microsoft Azure AI Engineer Associate (AI-102), with strong expertise in building and deploying intelligent solutions on the cloud. Proven track record in developing smart systems like real-time face recognition-based attendance platforms, hybrid movie recommendation engines, and secure face authentication applications using advanced deep learning models such as YOLOv8 and FaceNet. Proficient in Python, Flask, SQL, OpenCV, Azure Cognitive Services, and key machine learning libraries

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Professional Experience

Tesseract esports
Board Casting intern
06/2025 – 2025 | Hyderabad
- Operated **vMix**, **RossTalk XPression Graphite**, and managed live production workflows during high-profile events.
- Automated production processes by integrating **vMix APIs**, **Google Sheets API**, and **PUBG API** to retrieve and display real-time game data.
- Served as **vMix Operator**, **XPression Operator**, and **Audio Engineer** for the **EWC Event**, ensuring smooth live streaming, graphics management, and audio mixing.
- Streamlined event production through API-based automation, reducing manual intervention and improving broadcast efficiency.

Brain O Vision
ARTIFICIAL INTELLIGENCE INTERN
06/2024 – 08/2025 | Hyderabad, India
- Developed an AI-driven disease prediction system leveraging Azure AI agents, Large Language Models (LLMs), and Retrieval-Augmented Generation (RAG) agents.
- Processed and analyzed a **10GB large-scale dataset**, including handling missing values, converting categorical data into numerical form, and normalizing features for optimal model performance.
- Built and deployed a predictive model using the **Multinomial Naive Bayes (MultinomialNB)** algorithm for symptom-based disease classification.
- Implemented data preprocessing pipelines to improve accuracy, scalability, and efficiency of the prediction system.

Innovative
Artificial Intelligence & Machine Learning
06/2024 – 07/2024 | Virtual, India
- Learned and applied concepts in **Machine Learning**, **Deep Learning**, **Natural Language Processing (NLP)**, and **Data Engineering**.
- Worked with large datasets, performing **data preprocessing**, feature engineering, and normalization to prepare data for model training.
- Gained practical experience in **model development**, evaluation, and optimization for various AI-driven tasks.
- Implemented end-to-end workflows covering **data ingestion**, cleaning, transformation, and deployment processes.

Apple Vision
Data Analysis Internship
2022 – 2023 | Vijayawada, India
- Worked with **Microsoft Excel** and **QGIS** for data management, analysis, and geographic mapping related to the fiber network infrastructure.
- Applied advanced **Excel formulas**, functions, and data manipulation techniques to improve accuracy and efficiency in reporting.
- Enhanced proficiency in **spreadsheet automation**, data validation, and large-scale dataset handling.
- Contributed to the organization's data-driven decision-making by preparing accurate, structured reports for project tracking.

Certificates

Azure AI Engineer Associate: Associate | 2025

Sales Force AI Associate: Associate | 2024

AI Fundamental: Skill Build | 2024

Data Analysis & Machine Learning with Python: IBM | 2023

Supervised Machine Learning: Regression: Coursera | 2023

Data Structures: Coursera | 2022

Machine Learning With Python: IBM | 2023

C Language: Naresh IT | 2019

Projects

Attendance Management System using Face Recognition
- Implemented a real-time attendance system using **YOLOv8 for face detection** and **FaceNet for recognition**, capturing student presence via webcam.
- Integrated with **Flask and CSV** to store user data and generate **automated CSV reports** for efficient record-keeping.

Hybrid Movie Recommendation System
- Built a hybrid recommender using **TF-IDF + Nearest Neighbors** and **SVD collaborative filtering** for personalized movie suggestions.
- Optimized for performance with 10,000 data points and **serialized models** for reuse and deployment.

Face Authentication System
- Developed a real-time face authentication system using **YOLOv8 for detection** and **FaceNet for recognition**.
- Enabled secure identity verification via **live webcam feed**, integrated with a Flask backend and MySQL database.

Bi-Directional CSV-SQL Converter
- Engineered a Python tool to automate conversion of 2GB CSV files intoSQL tables, saving 70% manual effort.
- Implemented **unit tests** using **PyTest** to verify data transformations and prevent data loss.

Disease Prediction
- Trained ML models on 50,000+ medical records to predict diseases with91% accuracy.
- Integrated a Flask API for real-time symptom analysis and userfeedback, Done **API Testing**.

🎓 Education

MCA
KL University
present | vadeswaram, India
  CGPA : 8.62

BSc Computer Science
Annai Violet Arts and Science College
2019 – 2022 | Chennai, India
  CGPA : 7.1

Intermidate - MPC
KBN Jr College
2016 – 2018 | Vijayawada, India
  Percentage : 81%

SSC
MSREMH School
2015 – 2016 | Vijayawada, India
  CGPA : 7.8

🧠 Skills

Programming
  Python Language, Data structures

DataBase:
  SQL

Artifical Inteligence:
  Azure AI Services, Machine Learning, Data processing

Web Development:
  Flask, HTML5, CSS3

Excel
  Ms Excel, Google sheets

Operating System
  Windows, Linux

Tools
  Vs code

File Sharing
- Built a Tkinter-based app with Socket Programming for encrypted filetransfers.
- Added features like version control, folder organization, and real-timeuser notifications

🏅 Awards

3rd prize Monologue - William Shakespeare Play
Annai Violet Arts and Science College
- Secured **Third Prize** for performing a monologue as *Puck* from *A Midsummer Night's Dream* during a college Drama club opening event.
- Recognized for expressive acting, stage presence, and character interpretation.

First Prize in Short Story Writting
Annai Violet Arts and Science College
- Awarded **First Prize** for the short story *"Insomania"* during college literary competition.
- Recognized for creativity, narrative structure, and originality among multiple entries.

2nd Prize in poem Writing
Annai Violet Arts and Science College
- I won 2nd prize in a poetry writing competition, which was part of a Women's Day celebration during my degree

🎸 Interests

Music | Reading Novels | Solving Rubik's Cube |
Writting Stories | Wacting Movies and Series

🌐 Languages

Telugu | Hindi | English | Tamil