Varaprasad Suddala

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Internship

Prodigy InfoTech — Machine Learning Intern   **March 2025 – April 2025**

- Completed a 1-month educational internship focused on core Machine Learning concepts and practical implementations.

- Worked on task-based learning modules covering real-world ML use cases.

- Received appreciation for timely completion and quality submissions of assigned tasks.

Projects

Fake News Detection (NLP & Machine Learning):
- Developed a robust machine learning system to accurately classify news articles as real or fake using NLP techniques.
- Trained multiple models using the Kaggle Fake News dataset for enhanced accuracy and improved reliability.
- Implemented TF-IDF and CountVectorizer techniques to efficiently convert text into numerical data formats.
- Utilized Logistic Regression and Support Vector Machine (SVM) algorithms for effective and accurate classification.
- Compared model performance using various evaluation metrics to determine the most effective and reliable classifier.
- Built the project using Python and powerful libraries such as Scikit-learn, Pandas, and NumPy for model development.
- **Tech Stack:** Python, Scikit-learn, Pandas, NumPy, TF-IDF, SVM, Logistic Regression

Library Management System (Linked List & BST):
- Designed and implemented system for managing library records using efficient data structures and optimized algorithms..
- Used Binary Search Tree (BST) for efficient, fast, and organized searching of book records.
- Maintained records of issued books using a Linked List for efficient data organization and quick access.
- Implemented a Hash Map to track the availability of books, ensuring fast lookups and efficient updates.
- Applied file handling for persistent data storage, ensuring data retention across program sessions and seamless retrieval.
- Developed the project in C++ using the Standard Template Library (STL), enhancing efficiency and code simplicity.
- *Tech Stack:* C++, Linked List, Binary Search Tree, Hash Map, File Handling, STL

Certificates

- Machine Learning   April 2025
  Prodigy InfoTech
  CIN: PIT/MAR25/10559
  Verification Link: https://prodigyinfotech.dev/verify
- Microsoft Azure AI Essentials Professional Certificate | (LinkedIn)   February 2025
- C++ Programming: OOPs and DSA | (CipherSchools)   July 2024
- Cloud Computing Essentials: Benefits, Services, Platforms, Security, and Careers | (LinkenIn)   February 2023
- Python (Basic) | (Hacker Rank)   December 2022

Skills

- **Programming Languages**: C, C++, Java, Python
- **Frameworks & Libraries:** NumPy, Pandas, Scikit-learn, TensorFlow
- **Tools & Technologies**: Git, GitHub, Linux, Ubuntu, Shell Scripting
- **Database & Systems:** MySQL, SQLite, Data Structures & Algorithms (DSA)
- **Soft Skills**: Analytical Thinking, Team Collaboration, Effective Communication

Education

Lovely Professional University   **Phagwara, Punjab**

B.Tech in Computer Science and Engineering | CGPA: 5.37   *2022 – 2026*

Sri Chaitanya College   **Hyderabad, Telangana**

12th with Mathematics, Physics, Chemistry — Percentage: 82.2%   *2020 – 2022*

Vikas High School   **Siddipet, Telangana**

Secondary School — CGPA: 10.00   *2019 – 2020*