Vangari Thrimurthy

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OBJECTIVE

To leverage my foundation in programming and soft skills in a challenging and dynamic environment. Seeking enhance my technical expertise in software development and team management.

EDUCATION

- **University College of Engineering And Technology**   *CGPA: 7.6*
  Bachelor Of Technology - Computer Science and Engineering   Nalgonda, India

- **Indur Institute of Engineering and Technology**   *CGPA: 7.79*
  Diploma in Computer Science and Engineering   Siddipet, India

- **Z.P.H.S Suraram Colony**   *CGPA: 7.5*
  Board of Secondary Education   Hyderabad, India

SKILLS SUMMARY

Programming Languages: C, java,Python

Web Technologies: HTML, CSS

Operating Systems: Windows,Ubuntu

Soft Skills:Communication,Problem Solving,Team Management,Leadership

PROJECTS

- **Online Library Management**

  May, 2021

  – Developed an Online Library Management System to streamline the process of book borrowing, return, and inventory management of libraries.
  – Implemented a user-friendly interface enabling users to search, reserve, and manage book loans efficiently.
  – Collaborated with a team to gather user requirements and conduct feedback sessions for continuous improvement.

- **Satellite Image Classification**

  June, 2024

  – Developed and implemented a machine learning model for satellite image classification to identify and differentiate between various land cover types.
  – Achieved 86% accuracy on the test set, contributing to better analysis of satellite data for applications like environmental monitoring and urban planning.
  – Worked in a team environment, collaborating with data scientists and domain experts to improve the model's real-world application.

- **Credit Card Fraud Detection**

  Aug, 2024

  – Developed a machine learning pipeline for credit card fraud detection, handling class imbalance and preprocessing features for better model performance.
  – Trained and evaluated models such as Random Forest, Decision Trees, and Neural Networks using metrics like Precision, Recall, and AUC-ROC to accurately identify fraudulent transactions.
  – Deployed the final model using Django for real-time fraud detection, with continuous monitoring and updates to adapt to evolving fraud patterns.

CERTIFICATIONS

- Received the certificate in "Ethical Hacking" from Udemy

- Received the certificate in "Network defence essential" from EC-council

- Received the certificate in "Ethical hacking essential" from EC-council

- Received the certificate in "Industrial training" from RKJ technologies

- Received the certificate in "HTML fundamentals" from Sololearn