Kolla Tejaswi

Tiruvuru | tejakolla2004@gmail.com | 7993948266 |

Summary

Dedicated to contributing to organizational success by leveraging expertise gained through education and professional experience.

Education

- Pursuing a Bachelor of Computer Applications in Vignan University, Guntur, with CGPA of 8.5.
- Concluded Intermediate from Nagarjuna Junior College, Tiruvuru, 2020-2022, achieving a Percentage of 92
- Attained SSC from Bhaashyam High School, Tiruvuru, 2019-2020, securing a Percentage of 10/10.

Skills

- **Programming Languages :** C,Python,Java,PHP,JSP,SQL
- **Web Technologies :** HTML, CSS, JavaScript, etc.
- **Tools :** Excel,PowerPoint,Tableau,MySQL
- **Platforms :** Jupyter Notebook,Visual Studio Code
- **Frameworks and Libraries :** Angular, Bootstrap 4
- **Version Control :** Git
- **Soft Skills :** Team Management,Problem-Solving,Excellent Communication

Internships/Projects

1. Bitcoin Price Prediction

Description: Developed a predictive model to forecast Bitcoin prices using machine learning and statistical analysis.

-Designed and implemented a predictive system to accurately forecast Bitcoin prices, exploring the potential of machine learning in cryptocurrency market analysis.

-Employed a combination of data scraping, data preprocessing, feature engineering, and model evaluation to identify optimal predictive algorithms.

Technologies: Python, TensorFlow, pandas, matplotlib e.t.c

2. Optical Character Recognition (OCR) System

Description: Evolved an efficient OCR system to extract text from images and scanned documents, achieving high accuracy and reliability.

-Implemented algorithms to enhance image quality, remove noise, and correct skew, ensuring optimal text recognition.

-Utilized machine learning libraries (e.g., Tesseract-OCR, OpenCV) to recognize and extract text from various fonts, sizes, and languages.

Technologies: Python, OpenCV, Tesseract-OCR

3. User Purchase Prediction Using Support Vector Machines (SVM)

Description: Advanced a machine learning model to predict user purchase behavior based on historical and demographic data.

-Performed Support Vector Machines (SVM) to classify potential buyers by analyzing patterns in consumer data, optimizing the model for accuracy and efficiency. Conducted feature engineering and Hyperparameter tuning to enhance predictive performance.

-Used data visualization to communicate insights effectively.

Technologies: Python, scikit-learn, pandas, NumPy, matplotlib, Seaborn

Certifications/Achievements

- Participated in **Hackathon** and received a certificate of participation
- Awarded 2nd Prize in Poster Presentation for "**Proof of Stake in Blockchain Technology**" at Engineers Day, demonstrating expertise in blockchain innovation.
- Excellence certificate on **AWS workshop** conducted by Innovative Technologies at Vignan university
- Certified in **'Introduction to Cyber Security'** course through Simplilearn
- Received **' Python (Basic)'** certification by passing the **HackerRank** Skill Certification Test.
- Empowered in Data Analytics and Visualization Professional **Accenture Virtual Program**, **Forage**
- Skilled in Software Engineer, **Electronic Arts** Virtual Program, **Forage**
- Successfully completed the **NPTEL** certification course in Java Programming

Personal Information

Date of Birth: 11/12/04

Nationality: Indian

Hobbies/Interests

- Video editing
- Playing badminton

Disclaimer

Certified that the details furnished in the resume are correct and complete