**Name:**

V Harsha Vardhan Reddy

**Designation:**

Analyst/A4

**Mobile Number:**

9182142821

**Email:**

harshavoruguntla@gmail.com

**SUMMARY**



I am a highly motivated data scientist with over 2 years of experience in leveraging advanced analytical techniques to extract actionable insights from complex datasets. Skilled in predictive **modelling**, statistical analysis, and data visualization, I have a proven track record of driving strategic decision-making and delivering tangible business value.

My expertise spans programming languages such as Python, along with frameworks like Django and libraries such as Pandas and Scikit-Learn. Proficient in SQL and experienced in web development, cloud platforms like Azure, and DevOps practices, I thrive in collaborative environments where I can effectively communicate technical concepts to diverse stakeholders.

I am passionate about exploring emerging technologies such as machine learning and artificial intelligence to solve complex business challenges and contribute to organizational growth. Eager to continue expanding my skill set and taking on new challenges, I am seeking opportunities to apply my expertise in innovative projects.

**EDUCATION AND CREDENTIALS**

● Bachelor of Technology (Computer Science), from Sri Venkateshwara College of Engineering and Technology, Chittoor, Andhra Pradesh, INDIA.

**TECHNICAL PROFICIENCIES**

|  |  |
| --- | --- |
| **Technologies** | Python, Pandas, NumPy, Seaborn, Matplotlib, Stats model, Keras, TensorFlow, SQL, Microsoft Azure. |
| **Methodologies & Frameworks** | Machine Learning, Deep Learning. |
| **Platforms** | Windows. |
| **Applications / IDE** | Visual Studio 2019, PyCharm, Jupiter Notebook, SQL Server |

**Training & Certifications**

1. Certification of Internship on Web Development using Django and Python at Zetta Byte Soft Tech, Tirupati.
2. Certification on Azure Fundamentals AZ-900.
3. Data Science 2023 Boot Camp in Udemy.

**Work History**

**Designation: Analyst.**

**Organization: Capgemini.**

**From: September 2021 To: Present**

* Developed predictive models using regression and classification techniques for analysing automobile data and predicting car prices.
* Conducted comprehensive data collection and exploration, identifying key features and insights.
* Implemented data preprocessing and feature engineering techniques to enhance model performance.
* Trained and evaluated machine learning models for car price prediction and customer investment prediction.
* Contributed to the deployment and maintenance of models in production environments, ensuring scalability and reliability.

**Projects:**

|  |  |
| --- | --- |
| **Project: Predicting Car Price.** |  |
| **Role: Data Scientist.** |  |
| **Project Description:**   * Led a machine learning project to analyse automobile data and predict car prices. * Conducted data collection, exploration, preprocessing, and feature engineering tasks. * Trained regression and classification models using various algorithms such as linear regression, decision tree regression, random forest regression, logistic regression, decision tree classification, and support vector machines. * Evaluated model performance using metrics such as mean squared error (MSE), root mean squared error (RMSE), accuracy, precision, recall, and F1-score. * Achieved significant improvements in customer retention and report generation efficiency through algorithmic solutions. * Collaborated with stakeholders to understand business requirements and iteratively refine models to meet objectives. | |
| **Platforms:** Windows. | |
| **Tools & Language Used:** Python, Jupiter Notebook, Pandas, NumPy, Seaborn, Matplotlib, Statistics, Linear Regression, Random Forest.  **Technologies:** Python, Jupiter Notebook.  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | |
| **Project: Predicting Absenteeism in the Workplace using Logistic Regression.** | |
| **Role: Data Analyst.** | |
| **Project Description:**   * Developed a logistic regression model to predict absenteeism in the workplace based on various factors such as transportation expense, distance to work, age, education level, number of children and pets, and reason for absence. * Conducted data preprocessing, feature selection, model training, and evaluation. * Interpreted model coefficients to understand feature importance and impact on absenteeism likelihood. * Deployed the model into production, providing actionable insights for absenteeism management. * Collaborated with HR and management teams to integrate the model into existing systems and processes. * Conducted user training and provided ongoing support for model usage and interpretation. | |
| **Platforms:** Windows | |
| **Tools & Language Used:**  Python, Jupiter Notebook, Pandas, NumPy, Seaborn, Matplotlib, Statictics, Logistic Regression.  **Technologies:** Python, Jupiter Notebook  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | |

Name: V Harsha Vardhan Reddy Thank you