Sanket Gopal Wade

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A highly motivated Data Science professional with a Master's degree and hands-on experience in machine learning, IT application monitoring, and infrastructure support. Passionate about leveraging AI-driven solutions for performance optimization and decision science. Seeking opportunities to contribute to research and problem-solving in IT and AI applications.

Experience:

Vinculum Solutions | Marketplace Monitoring Trainee.   APR 2022 – FEB 2023

Responsibilities:

- Monitored and optimized application performance across 30+ marketplaces, reducing downtime by 20%.
- Analysed customer order data, providing insights that improved inventory forecasting by 30%.
- Designed and implemented solutions that improved data processing speed by 15%.
- Collaborated on solution designs to improve data processing and efficiency.
- Analysed customer order data and provided actionable insights to the inventory team.

Maxgen Technology Pvt. Ltd. | Machine Learning Intern   AUG 2021 – MAR 2022

Responsibilities:

- Created project-ready datasets from raw data and extracted necessary datasets from databases.
- Performed Exploratory Data Analysis (EDA) to identify key features and conducted hypothesis testing.
- Applied supervised machine learning techniques to estimate car pricing based on various features.
- Optimized model accuracy by selecting ideal features through hyperparameter tuning

Education:

Defence Institute of Advanced Technology DRDO Pune.   APR 2020 – MAY 2022

M-Tech |Data Science |CGPA-7.76

Technical Skills:

Programming & Big Data: Python, PySpark

Machine Learning Algorithms: Linear Regression, Logistic Regression, SVM, PCA, Random Forest, XGBoost, KNN

Data Manipulation & Analysis: NumPy, Pandas

Machine Learning Frameworks: Scikit-Learn

Cloud & Data Platforms: Azure, AWS, Databricks, Microsoft Fabric (Basic)

Databases: MSSQL

Soft Skills: Problem Solving | Teamwork | Creative Thinking |Time Management |People Management | Multi-Tasking|

Projects:

Project 1: **Link** Build Used Car Price Prediction System Using Machine Learning Techniques and Deploy on Web.

Summary:

- A used vehicle price prediction model was created using data mining and XGBoost, achieved 80% accuracy.
- Implemented data pre-processing techniques to remove null and redundant values.
- Designed a user-friendly web interface for price estimation by buyers and dealers.

Project 2: Event Safety and Efficiency with Real-Time Deep Learning-Based Crowd Counting

Summary:

- A deep learning-based system for crowd counting and monitoring is needed to enhance safety and efficiency at large-scale events.
- Developed a deep learning-based system for real-time crowd counting to enhance event safety.
- Addressed inefficiencies in traditional methods by implementing AI-driven monitoring.
- Improved operational efficiency and safety with a projected boost of up to 25%.

Extracurricular:

- Consecutively qualified GATE exam (2019 and 2020).
- Coordination in Workshop Conducted by V-Chip Design & Training Pvt. Ltd.