

Data science enthusiast with hands-on experience in machine learning with strong math. I thrive on turning data into actionable insights and am excited to join a team that values innovation and growth, allowing me to continue my data-driven journey.

WORK HISTORY

Application Development Analyst | Accenture Solutions, Hyderabad | Mar 2021 – Present

- Responsible for extracting unlabelled data from the server, cleaning it and creating Dashboards in Qlik Sense to visualize core business KPIs
- Conducted data analysis, data profiling, and data quality assessments to identify data inconsistencies, anomalies, and opportunities for improvement, ensuring data reliability and accuracy.
- Designed, developed, and maintained SAP BW data models, ETL processes, and reporting solutions to support business intelligence and data analytics initiatives.
- Leveraged SAP BW functionalities to extract, transform, and load data from various source systems, ensuring data integrity and accuracy throughout the data integration process.

ServiceNow Developer | Ripton Solutions, New Jersey (Remote) | Sept 2020 – Mar 2021

- Successfully completed a Discovery project part of IT Operations Management and maintained Configuration Management Database.
- Worked on IT Service Management stories on daily basis customizing and extending ServiceNow applications using JavaScript to enhance user experience and meet specific business needs

PROJECTS

• Malaria Infected Cell Detection:

- In depth analysis of various features like HOG, LBP, SIFT, pixel values with feature reduction techniques PCA, LDA along with normalization techniques such as z-score and min-max over different classifiers and compare their performance by tuning different hyper-parameters. Evaluated the performance of these classifiers on metrics such as Accuracy, Precision, Recall, F1 score and ROC

• Transaction Fraud Detection:

- Performed deep analysis of the data and systematic evaluation of various machine learning models using cross-validation. The project's top-performing model, XGBoost, demonstrates an impressive 88.1% balanced accuracy and 94.4% precision for unseen data. This project anticipates 93% profit margin despite occasional misclassification.

• Car Price Prediction:

- A practical application of Linear Regression in the automotive sector, providing a user-friendly web platform for predicting car values and aiding potential buyers and sellers in making informed decisions. achieved a notable R-squared score of 0.92, demonstrating its ability to accurately estimate car prices

• Customer Conversion Prediction:

- The project involved data cleaning, exploratory data analysis, encoding, dataset splitting, scaling, and the application of various classification models, with an accuracy score of 93.54% and an AUROC score of 0.986.

CERTIFICATIONS

IBM Data Science Specialization - Developed proficiency in Python programming for Data Analysis, Machine Learning, Applied Statistical techniques for Data Exploration, and utilized popular data science libraries such as NumPy, Pandas, Matplotlib, Seaborn, and Scikit-learn. Hands-on projects utilizing real-world datasets, including predictive modeling, data visualization, and exploratory data analysis, Web Scraping using BeautifulSoup, and deploying in IBM Watson Studio

Udemy Data Science Bootcamp - Intensive online bootcamp covering a comprehensive range of topics in Data Science, including Probability, Statistical Analysis, Python Programming, Data Mining and Data Manipulation techniques using Tableau Machine Learning algorithms like Linear Regression, Logistic Regression, K Means Clustering, Neural Networks, Gained a solid understanding of deep learning algorithms and frameworks, TensorFlow and Keras

ACADEMIC DETAILS

Year	Degree / Board	Institute	GPA / Marks (%)
2020	B.Tech in Computer Science & Engineering	Sri Indu College of Engg. and Tech.	6.96
2016	State Board of Intermediate Education	Narayana Junior College	91.9
2014	State Board of Secondary Education	Bhashyam Public School	9.3

TECHNICAL SKILLS

- Python, Java, JavaScript, HTML5, Qlik Sense, SAP BW 4Hana, ServiceNow, AWS, SQL, Tableau, Flask, Statistical Analysis, Machine Learning, Deep Learning, Web Scraping, Microsoft Office, Python Libraries: numpy, pandas, matplotlib, seaborn, sklearn, tensorflow, keras