

MOHITH PAVAN ADDEPALLI

Data Scientist

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SUMMARY

- Data Scientist with 3+ years of experience in Data Extraction, Data Wrangling, Data Mining, Machine Learning, and Data Visualization.
- Experienced in Agile and Waterfall methodologies, focusing on developing robust analytical solutions to drive data-driven decision-making.
- Knowledge of machine learning algorithms like logistic regression, random forest, Decision Trees, Supervised Learning, Unsupervised Learning, Classification, KNN, SVM, linear regression, CNN, and k-means.
- Proficiency in Python and R Libraries Pandas, NumPy, Seaborn, Matplotlib, Scikit - learn, ggplot2, and TensorFlow.
- Knowledge of implementing BI solutions using Power BI, Tableau, and Excel scorecards.

SKILLS

Methodology: SDLC | Agile | Waterfall

Programming Languages: Python | SQL | Spark | R | HTML

Python Libraries: Numpy | Pandas | PySpark | Scikit - learn | Keras | TensorFlow2.0 | OpenCV | Matplotlib | Scrapy | Request | Beautiful Soup | Flask | PyTorch

AI/ML Algorithms: Classification & Regression Algorithms | Naïve Bayes | Decision Tree | Random Forest | SVM | KNN | Random Forest | XGBoost | PCA, LDA | LSTM | SVD | CNN | RNN | MLP

Data Exchanges: JSON | XML | YAML

Cloud Technologies: Azure | Azure Databricks | Azure Data Lake Storage & Analytics | Azure MLFlow

Database: Oracle | DB2 | Elasticsearch | MYSQL | SQL Server

Tools: JIRA | LaTeX | MATLAB | Tableau | Power BI | MS Excel | Oracle SQL Developer | Draw.io | Microsoft PowerPoint | GitHub | Kaggle | Databricks | Kubernetes | CI/CD pipeline | pub-sub

Other Skills: Data Cleaning, Data Wrangling, Critical Thinking, Communication Skills, Presentation Skills, Problem-solving, Statistics

CERTIFICATION

AWS Certified Cloud Practitioner

Microsoft Office Specialist

EDUCATION

Master of Science in Applied Data Science | Indiana University, Indianapolis, IN

Bachelor of Technology in Computer Science | Jawaharlal Nehru Technological University, India

EXPERIENCE

CGI, USA | May 2023 - Current | Data Scientist

- Employ Agile principles to enhance collaboration and streamline data analysis workflows, leading to a 30% reduction in project completion time.
- Build an in-depth understanding of the problem domain and available data assets.
- Involved with Data Analysis, primarily Identifying Data Sets, Source Data, Source Metadata, Data Definitions, and Data Formats.
- Improving performance by creating partitioned tables.
- Developing and automatically manipulating the data for the above using stored procedures/views in MySQL.
- Create deep learning models using TensorFlow and Keras by combining all tests as a single normalized score and predicting the residency attainment of students.

Hexaware Technologies, India | Jul 2020 - Jul 2022 | Data Scientist

- Resolved limited dataset issues by including image augmentation techniques.
- Writing code that can accommodate different sizes of datasets like small, medium & huge with the help of a custom data generator.
- Extensively involved in Data Cleaning, Data Manipulation, Feature Engineering, Modeling, Evaluation, Optimization, Testing, and Deployment
- Implemented application of various machine learning algorithms and statistical modeling like Decision Tree, Text Analytics, Sentiment Analysis, Naive Bayes, Logistic Regression and Linear Regression, and Random Forests using Python to determine the accuracy rate of each model.
- Designed, modeled, validated, and tested statistical algorithms against various data sets, including behavioral data, and deployed predictive models using Python.

Zensar Technologies, India | Jul 2019 - Jun 2020 | Data Scientist

- Collaborated with stakeholders to analyze and document requirements using Waterfall methodology, resulting in comprehensive project documentation.
- Created dashboards as part of Data Visualization using Tableau and Power BI.
- Worked closely with customers to understand their current technical environment, key business drivers, and future technology requirements.
- Worked on writing complex SQL queries and performing data analysis using window functions and joins.
- Collaborated with a cross-functional development team to analyze potential system solutions.
- Performed administrative tasks, including creating database objects such as databases, tables, and views, using SQL DCL, DDL, and DML requests.
- I redefined many attributes and relationships and cleaned unwanted tables/columns using SQL queries.