KARANAM MADHAVA RAO

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Senior Data Analyst

Summary

Highly skilled Senior Data Analyst with over 2 years of experience in data analysis, backend development, and machine learning. Proficient in Django backend APIs, server management, and version control using Bitbucket. Experienced in building automated pipelines for data preprocessing and model development, including ML, DL, and ANN. Adept at translating complex data into actionable insights to drive business decisions.

Key Skills

- **Data Visualization**
- **Statistical Modeling**
- **Clustering & Classification**
- **Building Automatic Pipelines for Data Pre-processing**
- **Django Backend API'S for Mobile Apps & Websites**
- **Handling Docker, Jenkins Server**
- **MYSQL Database**

Technical Skills

- **Programming Languages:** Python, R, SQL, JavaScript
- **Data Analysis & Visualization:** Pandas, NumPy, Matplotlib, Seaborn, Tableau, Power BI
- **Machine Learning & Deep Learning:** Scikit-learn, TensorFlow, Keras, PyTorch.
- **Database Management:** MySQL, PostgreSQL
- **Web Development:** Django, Flask, RESTful APIs
- **Version Control:** Git, Bitbucket
- **Automation & Pipelines:** Docker, Jenkins
- **Server Management:** Linux, Apache

Professional Experience (2 years)

HBIC Solutions | April 2023 - May 2024 |

- Developed and maintained Django backend APIs for data-driven applications, ensuring seamless data flow and integration.
- Managed server deployments and configurations, optimizing performance and security.
- Utilized Bitbucket for version control and collaboration across multiple projects.
- Built and automated ETL pipelines using Apache Airflow to streamline data preprocessing and ingestion.
- Designed and implemented machine learning models for predictive analytics, achieving a 20% improvement in accuracy.
- Applied deep learning techniques, including ANN, CNN, and RNN, to solve complex data problems.
- Conducted data visualization and analysis to provide actionable business insights, driving strategic decision-making.
- Collaborated with cross-functional teams to define project requirements and deliver high-quality data solutions.

Turing Minds.AI | May 2022 - March 2023 |

- Analyzed large datasets to identify trends and patterns, providing actionable insights to stakeholders.
- Developed SQL queries to extract and manipulate data from relational databases.
- Created interactive dashboards and reports using Tableau and Power BI.
- Assisted in the development and maintenance of the company's data warehouse.
- Conducted training sessions for junior analysts on data analysis techniques and tools.

Education

JNTUK, Andhra Pradesh

PRASAD. V. POTLURI SIDDARTHA INSTITUTE OF TECHNOLOGY, Vijayawada
B.Tech - Mechanical Engineering |2018 – 2022|

Profiles

- **Kaggle:** https://www.kaggle.com/karanam12345
- **GitHub:** https://github.com/Karanam1234/Flask-APP.git
- **LinkedIn:** www.linkedin.com/in/karanam-madhav-rao-48b984188

Additional Information

- **Languages** - English, Telugu, Hind