MOHITH REDDY

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PROFESSIONAL SUMMARY

Aspiring Data Professional student with hands-on experience in predictive modeling, demand forecasting, and data visualization. exposure to machine learning algorithms, NLP techniques and deep learning frameworks. Adept at handling structured and unstructured data, building dashboards, and working across cross-functional teams to deliver business value. Interned at Mu Sigma, contributing to real-world data projects, root cause analysis, and optimization task

EDUCATION

Anna University   July 2024

Bachelor of Engineering, Computer Science and Engineering
Related Coursework: Database Systems, Computer Science, Software Development
GPA: 8.11

RELEVANT EXPERIENCE

Mu sigma Bengaluru   January 2025 - Present
Data science Intern

- Analyzed large datasets using Python and SQL to generate actionable business insights with Agile Methodologies.
- Built and maintained Power BI dashboards for KPI visualization and stakeholder reporting using ETL pipelines Data factory
- data transformation and processing using Azure Data factory and Azure Data Bricks and Ensure data accuracy, quality.
- Conducted root cause analysis (RCA) and addressed data quality issues using Service Cloud workflows
- . Supported financial data projects Maintain technical documentation of data workflows and processes.

PROJECT EXPERIENCE
Demand Forecasting

- Developed a machine learning model to predict future product demand using historical sales data
- . Implemented data cleaning, feature engineering, and time-series analysis to improve model accuracy. '
- Used algorithms like XGBoost and ARIMA to forecast demand trends.
- Visualized insights and predictions using Power BI dashboards to support inventory and business planning.

NUTRIENT ADVISOR FOR SOIL FERTILIZATION

- Developed a Python-based application that provides data-driven recommendations for fertilizer usage based on crop and location data.
- Applied scientific analysis and predictive analytics to process and interpret large datasets, optimizing decision-making for end users.
- Implemented debugging and performance tuning techniques to enhance application efficiency and reliability.
- Documented the development process and maintained the codebase using Git for version control

LIBRARY MANAGEMENT SYSTEM

- Library Management System developed using Spring Boot with RESTful APIs for member management, Loan management, returns, fine calculation, and inventory tracking.
- Implements secure authentication, role-based access control, database management PostgreSQL, Restful API, and deployment Docker for efficient library administration.

SKILLS

Language: Python ,Java,SQL, R Studio, Html, CSS, Java Script,Py spark,JSON
Frameworks & libraries: NumPy, Pandas, Matplotlib, Scikit-learn,Spring MVC,Hibernate
Tools: Microsoft Excel, Power BI, Visual Studio Code, Jupyter , Azure Data Factory,Service Cloud
Certification: Python(FIIT),Java(Q spiders)