SUMASRI CHITTURI

Baltimore, MD | P: +1 (443) 636-7846 | mf79298@umbc.edu

SUMMARY

Data Scientist with a Master's degree in Data Science from the University of Maryland (expected Dec 2024) and extensive experience in data management, automation, and machine learning. Proven ability to automate data migration, manage cloud databases, and enhance data visualization with Power BI and Power Automate. Skilled in developing predictive models using machine learning and AI. Recognized for exceptional performance with two spot-on awards at LTI Mindtree. Proficient in Python, R, and various data science and cloud technologies.

EDUCATION

UNIVERSITY OF MARYLAND   Baltimore, MD
Master of Science   Expected Dec 2024
Major in MPS Data Science
Cumulative GPA: 4.0/4.0
Relevant Coursework: Machine Learning and Big data processing; Deep Learning; Advanced Excel in Business Management

WORK EXPERIENCE

LTI Mindtree   Hyderabad, India
Data Scientist   Aug 2021 – Dec 2022
- Automated AEM Portal migration to SharePoint Online using PowerShell, ensuring data integrity and reliability.
- Managed Azure databases and performed data wrangling with MySQL and Databricks for scalable cloud solutions.
- Enhanced data visualization and automation in SharePoint Online by integrating Power BI and Power Automate.
- Applied machine learning and AI to develop predictive models and improve decision-making processes.

Awards: Received two spot-on awards for the best work, performance during the project and on-time delivery.

ACADEMIC PROJECTS

IMAGE CAPTION GENERATOR   Jan 2024 – May 2024
- Developed an image captioning system using Convolutional Neural Networks (CNN) and Transfer Learning (InceptionV3 for image features, GloVe for text embedding).
- Deployed on NVIDIA Jetson with Docker for real-time captions, enhancing digital media interaction.

HAND CHARACTER RECOGNITION USING GBDT   May 2021 – Jul 2021
- Designed Machine Learning model for recognising Devanagari Hand Character
- Using the GBDT algorithm developed a hand Character recognition model with python using TensorFlow machine learning interface.

CERTIFICATIONS

- Intermediate Python Certification From IBM.
- Attended IOT using Raspberry PI workshop conducted by Embedded Solutions Inc.

TECHNICAL SKILLS

Programming Languages: Python, R, C, JavaScript
Database Management: MySQL, Azure SQL, Databricks
Data Visualization: Power BI, Tableau
Automation and Scripting: PowerShell, Power Automate
Machine Learning & AI: Predictive modeling, Machine Learning algorithms
Web/Data Scraping: API integration
Cloud Platforms: Azure
Development Platforms: Sharepoint Online, Power Apps , Power BI, Power Automate, NVIDIA Jetson, Docker