SANTOSH KUMAR SALADI

saladisantoshkumar@gmail.com| +1 203 500 8220| Github | LinkedIn

SUMMARY

A results-driven professional with experience as an Application Development Associate at Accenture, skilled in data analysis, change management, and end-to-end testing. Experienced in AI, database management, and tools like Jira and Autosys, with key projects in face recognition and social distancing alerts. Currently pursuing an M.S. in Data Science.

CORE COMPETENCIES

- **Technologies & Tools**: AWS, Amazon SageMaker, TensorFlow, Keras, Streamlit, Git, Docker
- **Machine Learning**: Supervised/Unsupervised Learning, Reinforcement Learning, Deep Learning
- **Cloud Computing**: AWS (S3, Glue, Lambda, SageMaker)
- **Data Analysis**: Pandas, NumPy, Matplotlib
- **Cybersecurity**: XSS, Malicious URL Detection, Ethical Hacking

EDUCATION

University Of New Haven, Connecticut   **August 2023 – May 2025**
M.S in Data Science   GPA: 3.64
Gitam Deemed University, Vishakapatnam, India   **August 2020 - May 2022**
Master Of Computer Applications   Percentage: 89%
DR B.R Ambedkar University, Etcherla, India   **July 2017 - May 2020**
B. Sc Computer Science   Percentage : 87%

PROFESSIONAL EXPERIENCE

Accenture   **Hyderabad, India**
Application Development Associate   August 2022 - September 2023

- **Data Analysis & DBMS**: Managed and processed 1M+ records, improving query efficiency by 30%.
- **ETL & Data Engineering**: Built ETL pipelines reducing data processing time by 40%.
- **Automation & Scheduling**: Automated workflows with Autosys, cutting manual effort by 50%.
- **Data Quality & Validation**: Ensured 99% data accuracy using Jira for change management.

DATA & AI PROJECTS

- **Real-time Malicious URL Detection**   *March 2024 – May 2024*
  Achieved 95% accuracy in detecting malicious URLs using AWS and Streamlit.
- **COVID-19 Data Analysis Pipeline**   *March 2024 – May 2024*
  Built an automated AWS pipeline, reducing manual processing by 30%.
- **XSS Attack Detection**   *March 2024 – May 2024*
  Improved XSS attack detection by 20% using deep learning.
- **Diabetes Readmission Prediction**   *February 2024 – March 2024*
  Predicted readmission risk with 87% accuracy.
- **Object Detection using SSD with VGG-16 Backbone**   *Aug 2024 – December 2024*
  Developed an SSD-based object detection model with VGG-16 for real-time object detection.

ACHIEVEMENTS & EXTRACURRICULAR INVOLVEMENT

- **Coordinated** cultural and sports events at Kalakriti Cultural and Arts Club during postgraduate studies, including winning the 2021 Gitam Cricket Tournament.
- **Participant**, AI Workshop at Sutantra 2019, Gitam.
- **Awarded** Genius Badge at Coding Ninjas Fest for excellence in solving aptitude challenges.
- **Participant**, Data Structures Workshop, CS Fest 2022, Gitam.

LICENSES & CERTIFICATIONS

- **Microsoft Power BI Data Analyst Associate (PL-300) Cert Prep by Microsoft Press** (LinkedIn Learning)
- **Generative AI: Working with Large Language Models** (LinkedIn Learning)
- **Apache Kafka Essential Training: Getting Started** (LinkedIn Learning)
- **Data Science Foundations: Data Engineering** (LinkedIn Learning)
- **MLOps Essentials: Model Deployment and Monitoring** (LinkedIn Learning)
- **Graph Databases: Neo4j for Complex Data Relationships** (LinkedIn Learning)