

# SANTOSH KUMAR SALADI

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## 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.

## EDUCATION

### University Of New Haven, Connecticut

M.S in Data Science

**August 2023 – May 2025**

GPA: 3.64

### Gitam Deemed University, Vishakapatnam, India

Master Of Computer Applications

**August 2020 - May 2022**

Percentage: 89%

### DR B.R Ambedkar University, Etcherla, India

B. Sc Computer Science

**July 2017 - May 2020**

Percentage : 87%

## WORK EXPERIENCE

### Accenture

Application Development Associate

**Hyderabad, India**

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.

## SKILLS

- **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

## RELEVANT PROJECT

- **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)