Lakshman ("Lucky") Vallapuneni

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EDUCATION:

Master of Science in Data Science and Analytics

Grand Valley State University, Grand Rapids, MI

Bachelor of Information Technology

R.V.R & J.C. College Of Engineering, Guntur, India

Jun 2024

Apr 2026

SKILLS:

- Python
- R
- SQL Java
- С
- Statistical Analysis
- Git

- Data Cleaning and Transformation
- Data Analvisis
- Numpy
- pandas
- Seaborn
- Machine Learning
- Matplotlib

- Scikit-Learn
- MySQL
- MongoDB
- PowerBI
- Time Management
- **Problem Solving**
- Critical Thinking

RELEVANT EXPERIENCE:

Data Science Intern - Slash Mark, Hyderabad, India

Jan 2024 - April 2024

- Analyzed over 2 million customer transactions using machine learning models, helping to improve customer grouping.
- Worked with a team of 5 to create dashboards in data visualization to speed up report creation.
- Built data pipelines in Python and SQL to automate data processing to improve efficiency.
- Automated cleaning of over 10,000 daily records, reducing errors and speeding up data preparation.
- Created a sales prediction model using Python that was 90% accurate, helping with better inventory planning.

Mentorship - R.V.R & J.C. College Of Engineering, Guntur, India

Aug 2023 - Nov 2023

- Shared expertise in programming languages like Python and Java, giving students insights into writing efficient code and understanding the structure of software development.
- Provided regular feedback on their coding assignments and personal projects, encouraging them to reflect on their progress and learn from their successes and mistakes.
- Applying two-way interaction models to assess trust score variations across firms and years, pinpointing top-performing firms and delivering actionable insights for strategic trust-building.
- Mentored students to create projects for hands-on Learning.

Python Developer - CodeClause, Hyderabad, India

Jul 2023 - Aug 2023

- Voice-Activated List Manager: Developed a voice assistant in Python that allows users to interact with their laptop by verbally adding items to a list
- GUI-Based Alarm System: Implemented a graphical user interface (GUI) alarm system in Python, enabling users to set alarms through a simple interface.

Student Cultural Event Manager- R.V.R & J.C. College Of Engineering, Guntur, India

Oct 2022 - Jun 2024

- Organized college events such as cultural festivals, academic seminars, and social gatherings, ensuring all aspects of event logistics and timelines were met.
- Designed and implemented promotional campaigns, using social media, posters, and campus outreach to boost student engagement and event participation.
- Led teams of student volunteers, assigning roles and responsibilities for tasks like registration, setup, and event coordination.

Machine Learning Intern - Slash Mark, Hyderabad, India

Jun 2023 - Nov 2023

Developed and fine-tuned a credit risk model using XGBoost on a dataset combining bank and CIBIL data, achieving 78.6% accuracy, with hyperparameter optimization via RandomSearch, and evaluated model performance using precision, recall, and AUC to ensure effective risk classification.

ACADEMIC PROJECTS:

Online Bus Reservation System [HTML, CSS, SQL]:

Jan 2024 – June 2024

Developed the front-end and back-end of a web-based bus reservation system using HTML, CSS, and SQL with a user-friendly interface for easy navigation and booking

Fake NewsDetection [Machine Learning]:

Jun 2023 - Aug 2023

Developed a machine learning model to classify news articles as real or fake using algorithms like logistic regression and Naive Bayes, achieving high accuracy in detecting misinformation using applied natural language processing techniques, including TF-IDF and tokenization, to preprocess news data and improve the model's performance in identifying fake news.

CERTIFICATIONS:

- Data Science Internship(SLASH MARK)
- Python Programming (MICROSOFT)
- Code clause Internship
- Business Intelligence using Power_BI
- SQL Basic (HackerRank)
- Python Golden Badge(Hackerrank)
- Python Basic(Hackerank)
- AWSAcademyCloud **Fundamentals**
- Data Mining(NPTEL)
- Coding competition (ninja)
- DSA using Python
- C++