

Lohith Movva

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Summary

Master's in Computer Science graduate with a strong analytical mindset and hands-on experience in data management, reporting, and process optimization. Skilled in Excel, SQL, Python, and financial data analysis, with a strong foundation in problem-solving and attention to detail. Adept at improving operational efficiency through data-driven insights and supporting cross-functional teams in fast-paced environments. Seeking an entry-level analytical role to apply technical and operational expertise in driving accuracy and efficiency for business growth.

Skills

- Programming & Analytics: Python, R, SQL, SAS, Excel (Advanced)
- Data Visualization & BI: Tableau, Power BI, Qlik, Matplotlib
- Databases: MySQL, PostgreSQL, SQL Server
- Tools: Git, JIRA, Flask, Microsoft Office Suite
- Core Knowledge: Data Analysis, ETL, Reporting, Business Process Improvement, Financial Data Interpretation

Education

Master of Science in Computer Science

Sacred Heart University, Fairfield, CT

Aug 2023 – Dec 2024 | GPA: 3.7/4.0

Bachelor of Technology in Computer Science

SRM Institute of Science and Technology, India

Jul 2019 – Apr 2023

Projects

Healthcare Analytics Dashboard — Tableau, SQL

- Designed an interactive dashboard to monitor operational KPIs, patient outcomes, and revenue metrics.
- Enabled data-driven decisions by visualizing performance trends and generating automated reports.

Morris Health Service Management System — PHP, JavaScript, MySQL

- Built a system for managing employee, facility, and patient data to streamline healthcare operations.
- Implemented CRUD operations and developed reporting features to track appointments and revenue.
- Collaborated with stakeholders to gather business requirements and improve data accuracy.

Predictive Modeling for Patient Readmission — Python, Logistic Regression

- Developed a predictive model achieving 82% accuracy to identify high-risk patient readmissions.
- Applied analytical techniques to improve operational decision-making and resource allocation.

LipSync Synchronization System — Python, Wave2LipGAN, SQL, Flask

- Built an AI-based system integrating audio, video, and text-to-speech components.
- Optimized performance by reducing rendering time by 25% and minimizing system failures by 40%.

Certifications

- Tableau Desktop Specialist
- SQL for Data Analysis (Coursera)
- Python for Data Science (IBM)