

S SRI LAKSHMI NAVYA

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Summary

Motivated and detail-oriented fresher with excellent communication, teamwork, and problem-solving abilities. Passionate about applying academic knowledge to real-world challenges, learning industry best practices, and driving meaningful contributions. Committed to continuous growth, skill enhancement, and delivering effective results in a dynamic work environment.

Skills

Programming & Querying: SQL, Python, Java

Data Visualization Tools: MS Excel, Power BI, Tableau

Internship

AI Data Quality Analyst Intern

May 2025 – July 2025

Rooman Technologies (Remote)

Tools Used: SQL, Python

- Curated and standardized 50,000+ records from multiple sources, removing inconsistencies and errors, which enhanced AI model training quality and improved prediction of accuracy.
- Leveraged SQL and Pandas to standardize collections, reducing preprocessing errors by 20 percent and accelerating ML workflow readiness.
- Performed tables labeling and annotation audits, refining guidelines to decrease errors by 25 percent and boost annotation accuracy.
- Implemented rule-based validation checks in collaboration with the observation team, increasing model inputs reliability and improving model performance metrics by 10 percent.

Projects

IOT Flood Responsive Bridge | Arduino

May 2024 – June 2024

- Engineered a smart bridge system using intelligent systems and Arduino that automatically adjusts height during floods through sensor-driven automation.
- Automated real-time monitoring logic to detect rising water levels and trigger automatic bridge movement.
- Monitored a prototype with Arduino and smart technology cloud tools for remote data monitoring and control.
- Demonstrated how automation can support flood management and smart city planning, reduced manual intervention by 80 percent in prototype testing.

Consumer Trends and Behavior | Tableau

May 2025 – July 2025

- Designed an interactive dashboard to analyze customer reviews, product concerns, and cosmetic trends.
- Mapped consumer behavior from 10,000+ reviews, identifying top 3 predictive trends to guide product strategy.
- Organized and structured datasets using tools for clear and actionable visualizations.
- Presented trends and patterns to guide records-driven decisions in the cosmetics domain.

Awards & Certifications

- **Data Analytics Job Simulation – Deloitte (2025):** Completed practical tasks in metrics and forensic technology, including datasets cleaning, visualization, and generating business findings.
- **Microsoft Excel and Power BI (2025):** Gained hands-on experience for data analysis, mapping, and dashboard creation.
- **Adobe India Hackathon Connecting the Dots Challenge – 2025:** Qualified for Round 2 among top national participants. Organised and implemented a Docker-based solution to extract structured information from PDFs and received an official participation certificate from Adobe.

Education

B.Tech in Computer Science and Engineering

Expected Graduation: 2026

G Pullaiah College of Engineering and Technology, Kurnool

CGPA: 8.0 / 10