

NALLAGORLA SUSMITHA

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| [GitHub](#) | [LinkedIn](#) | [HackerRank](#) | [LeetCode](#)

Professional Summary

Analytical and detail-oriented Computer Science graduate with hands-on experience in Python, SQL, Pandas, and machine learning. Built real-world projects including a water quality prediction system and interactive dashboards. Eager to apply data analysis skills in a professional environment to generate actionable insights.

Technical Skills

- Languages: Python, Java, HTML, CSS.
- Analytics Tools: Pandas, NumPy, Excel.
- Database Technologies: MySQL, SQL, DBMS.
- Development Tools: VS Code, Eclipse, Google Cloud Platform, Git, GitHub.
- Other Skills: Logical Reasoning, Data Cleaning, Data Interpretation, MS Word, PowerPoint, team work, Adaptability, self-motivation.

Education

B.Tech – Computer Science and Engineering (CGPA:7.82 / 10)

- Annamacharya Institute of Technology and Sciences, Tirupati | 2025

Diploma – Electronics and Communication Engineering (CGPA: 7.54 / 10)

- Govt. Polytechnic for Women, Nellore | 2022

Certifications

- Cybersecurity Analyst – Tata
- Data Analytics & Visualization – Accenture
- Introduction to Cloud job Simulation – Datacom
- Google Cybersecurity – Google

Projects

AquaVue: Water Quality Prediction System –Python, Pandas, NumPy, XGBoost, GBM, Matplotlib, Seaborn

- Developed ML models (XGBoost, GBM) with 90%+ accuracy to classify water quality.
- Built a dashboard for real-time alerts and visualizations using Matplotlib.
- Applied data preprocessing, normalization, and feature engineering for better accuracy.

IPL/Sports Analytics –Python, Excel, Power BI

- Finding the most successful teams, players and win patterns.
- Explored toss impact, venue-wise trends, and presented insights using aggregations and visualizations.

Professional Experience

Cybersecurity Internship

SlashMark – November 2024 – April 2025

- Interpreted security logs and structured event data for pattern analysis.
- Used Excel and Python scripts to automate report generation.

Web Development & JavaScript Intern

ExcelR Solutions – July 2024 – September 2024

- Built weather-based dashboard using JavaScript and PostgreSQL.
- Used RESTful APIs and implemented authentication for secure access.

Industrial Training

Cisco CCNA Industrial Training

- Gained practical knowledge in managing industrial network architectures, emphasizing data security and device configurations.