

YERRA GEETHA MADHURI

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Professional Summary

Dedicated Computer Science student skilled in Python, analytics, and problem-solving, with strong communication skills. Quick learner who can design, build, test, and deliver quality software solutions while adapting well in dynamic environments.

Education

Aditya University

Computer Science and Engineering
CGPA: 8.67*

Surampalem, Andhra Pradesh

September 2022-May 2026

Experience

Data Science Intern

April 28 – June 27|2024

SkillDzire

- Created **data visualizations using Python** to analyze large datasets, improving reporting efficiency and decision-making.

Cyber Security Intern

May 05 – June 29|2025

Aditya University

- Worked closely with a team to learn core **cyber security** concepts and real-world applications. Gained hands-on experience in identifying security vulnerabilities and protecting digital systems.

Projects

Model Building for Training Datasets

Python

- Developed a regression-based model for training datasets for data visualization to analyze and interpret patterns effectively.

Spotify DataView

PowerBI

- Created an interactive Power BI dashboard to visualize Spotify streaming data with key insights on tracks, artists, and trends

Vulnerability Identification and Mitigation

Python

- Developed an ML-driven system with a Python backend for detecting SQL injection and buffer overflow vulnerabilities across source code, URLs, and SMS.
- Engineered a responsive React.js and Tailwind CSS frontend for code uploads, delivering real-time vulnerability reports and mitigation suggestions via automated feature extraction and classification.

Skills

Programming Languages	C, C++, Java, Python, DSA(Python).
Libraries Frameworks	Html, CSS
Databases	MySql
Tools	PowerBI, Figma, GitHub. VScode, Google Colab.
Machine Learning	Numpy, Pandas, Mathplotlib, Seaborn, Opencv.

Certifications

- SkillAp:** Amazon Web Services – Cloud Computing
- Hackerrank:** SQL, Python, Java.
- Cisco Networking Academy:** c, c++, Linux.

- **Simpli Learn:** Power BI.

Honours & Rewards

- 2nd place in paper presentation at Vishnu Institute of Technology, Bhimavaram.
- Japanese – Language proficiency test (JLPT) N5 — Certified.
- Participated in a Community Service Project, conducting awareness campaigns in schools and colleges on safe and sustainable water usage.