

Amyuktha Gummadi

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Professional Summary

Master's graduate in **Cybersecurity** with strong foundation in **Software Development, Data Analysis, and Machine Learning**. Skilled in **Python, SQL, AWS, and Power BI**, with experience delivering end-to-end projects in **data visualization, NLP, ML model deployment, and cybersecurity planning**. Adept at problem-solving, documentation, and working in collaborative Agile environments. Open to roles in **Software Engineering, Data Analytics, or Cybersecurity**.

Skills

Languages & Tools: Python, C, SQL, Java (basic), HTML/CSS, JavaScript (basic), Git, Power BI, Tableau, Excel

Databases: MySQL, PostgreSQL

Cloud & DevOps: AWS (Lambda, API Gateway, S3), Oracle Cloud, Azure Fundamentals, CI/CD basics, Docker (familiar)

Machine Learning & Data: scikit-learn, Pandas, NumPy, NLP (TF-IDF, Logistic Regression, Naive Bayes), Streamlit

Cybersecurity: Risk Assessment, Business Continuity Planning, Cybersecurity Management, IDS (Intrusion Detection System)

Certifications:

- Microsoft Azure Fundamentals (AZ-900)
 - Oracle Cloud Infrastructure Foundations Associate
 - Aviatrix Multicloud Networking Associate
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Experience

Freelance Full-Stack Developer | Saayam For All | Remote – Aug. 2025- present

- Built backend features with Python & PostgreSQL; integrated AWS Lambda APIs.
- Automated unit tests and authored technical documentation for reliable deployment.

Intern – Web Development | Arete IT Services Pvt. Ltd | India – 2022 - 2023

- Designed and developed a full-stack web portal using PHP/MySQL to automate business workflows.
- Reduced load times by 60% and improved data accessibility by eliminating manual entry.

Intern – Data Science | Avishkar Tech Solutions | India – July 2021

- Developed Python scripts for data parsing and cleansing, improving dataset quality by 20%.
 - Built ML workflows using Pandas and NumPy for predictive analysis.
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Projects

Sentiment Analysis App (Python + ML + Streamlit)

- Built an interactive app to classify IMDB-style reviews as Positive/Negative with TF-IDF + Logistic Regression.
- Achieved ~85% accuracy and deployed with Streamlit for real-time predictions. [Github Link](#)

Mood Song Predictor (SQL + Power BI)

- Designed relational DB + SQL queries to categorize songs by mood.
- Built Power BI dashboards enabling interactive filtering for recommendations. [Github Link](#)

Intrusion Detection System (Python + ML)

- Implemented a DNN-based IDS to detect network threats.
- Improved detection accuracy compared to baseline ML models.

Business Continuity Plan – Woodfire Wonders Pizzeria (Cybersecurity)

- Created risk assessment, backup, and recovery workflows to reduce downtime.
 - Developed security policies and continuity strategies aligned with compliance standards. [Github Link](#)
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Education

Rowan University, Glassboro, NJ

M.S. in Cybersecurity | May 2025 | GPA: 3.34/4

Koneru Lakshmaiah Education Foundation (KL University), India

B.Tech. in Computer Science (Cybersecurity Specialization) | May 2023 | GPA: 7.76/10