KRISHNA SAI MEDA

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OBJECTIVE

To contribute as a cloud-focused developer by utilizing my hands-on experience with AWS services and Python-based application development. Currently pursuing a B.Tech in Computer Science and Engineering with a specialization in Cybersecurity, I am passionate about building secure, scalable cloud solutions and eager to further enhance my expertise in AWS-driven technologies and real-world projects.

EDUCATION

Sri Venkateshwara college of Engineering Tirupati
Computer Science and Engineering (Cyber Security)
2023 - Present

Government Polytechnic Dharmavaram Dharmavaram
Computer Engineering
2020 – 2023

SKILLS

- Programming: C, C++, Java, Python
- Cloud: AWS (Lambda, API Gateway, DynamoDB, S3, CloudWatch)
- Development: Python scripting, REST APIs, HTML/CSS
- Cybersecurity: Basic cryptography, network security, secure coding
- Tools: Git, VS Code, AWS CLI
- Soft Skills: Problem-solving, critical thinking, communication, collaboration, adaptability, time management, continuous learning

CERTIFICATIONS

- AWS Online Internship – APSSDC & Amazon Web Services (Jun–Jul 2024) : Hands-on experience with Lambda, DynamoDB, S3, API Gateway.
- AI Associate Certification – Salesforce (Apr 2025): Credential ID : 6062722 – Verified at sforce.co/verifycerts
- Python Programming (Basics to Advanced) – Diploma Training : Covered core concepts, OOPs, and application development.
- Cybersecurity Workshop – Level 1 – Supraja Technologies : Practical training in ethical hacking and network defense.
- NPTEL – IoT, Cybersecurity & Safety : Covered secure IoT systems and safety protocols; scored commendably.

PROFESSIONAL EXPERIENCE

Student Intern
Madhavi Info Tech | 2022-2023

- Acquired strong foundational and advanced skills in Python programming, emphasizing practical application.
- Designed and developed a GUI-based Python application focused on cybersecurity use cases.
- Implemented data encryption modules to secure sensitive user information, enhancing application reliability and trust.
- Gained hands-on experience in secure coding practices, combining Python development with real-world cybersecurity principles.

TECHNICAL PROJECTS

AWS-Based Student Feedback System

- Built a cloud-based feedback system using AWS Lambda, API Gateway, DynamoDB, and S3.
- Designed a responsive frontend hosted on S3 with a serverless backend written in Python.
- Enabled admin login and real-time feedback display through a custom dashboard.
- Tech Used: Python, HTML/CSS, AWS Lambda, API Gateway, DynamoDB, S3

Python-Based GUI Application for Cybersecurity

- Developed a GUI-based desktop application that encrypts sensitive user data using custom encryption logic.
- Designed during industrial training at Madhavi Infotech, applying advanced Python concepts.
- Tech Used: Python, Tkinter, File Handling, Cryptography Basics

IoT Project: Authentication Device Using RFID

- Created an RFID-based authentication device to validate user access with real-time feedback.
- Integrated components like RFID reader, buzzer, and laser light for functionality and interaction.
- Tech Used: Arduino, C/C++, RFID Module, Buzzer, Laser Light, Breadboard Circuitry

LANGUAGES

- English ★★★★★
- Telugu ★★★★★
- Hindi ★★★