TEJASWINI KOPPADA

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LinkedIn | GitHub

Professional Summary

Passionate Computer Science student specializing in Artificial Intelligence with hands-on experience in AWS Cloud Services. Actively working on projects to apply and enhance skills in cloud computing, AI, and software development.

Projects

1. DishGenie: Automated Recipe Generation Based on Home Ingredient Analysis   **Link**

Developed a web application with **HTML, CSS** and **JavaScript** for an interactive UI.
Implemented **Flask** backend for ingredient processing and recipe generation.
Trained custom datasets using **ANN** and **CNN** for ingredient recognition and recipe suggestions.

2. Serverless Three-Tier Application   **Link**

Built a serverless architecture with **S3** for hosting, **AWS Lambda** for backend, and **RDS** for database management, ensuring scalability and reliability.

3. Personal Task Organizer   **Link**

Built a task manager using **C# (ASP.NET CORE)** for backend and **Angular** for frontend, with **PostgreSQL** as the database. Allows users to add, update, and track daily tasks.

4. Scalable and Fault-Tolerant Website Hosting   **Link**

Hosted a personal website using **AWS S3**, ensuring high availability and fault tolerance. Leveraged **Auto Scaling Groups** and **Elastic Load Balancer** to optimize performance and reliability.

Education

Bachelor of Technology in Computer Science and Engineering (Artificial Intelligence)

Pragati Engineering College, CGPA: 8.45 /10.0   **08/2021 - 04/2025**

Past Educational Background

Intermediate (Class12): 94%   **06/2019 - 07/2021**
Secondary School (Class 10): 83.4% (ICSE Board)   **06/2018 - 03/2019**

Skills

- **Programming Languages:** Python
- **AWS Cloud Services:** IAM, EC2, VPC, S3, Lambda, RDS, Cloud Watch
- **Web Technologies:** HTML5, CSS, Bootstrap
- **Database Management:** SQL
- **Cybersecurity:** Knowledge of security best practices, IAM policies
- **Version Control:** Git, GitHub
- **SDLC & STLC** Knowledge.

Global Certifications

AWS Certified Cloud Practitioner   **08/2024**

Salesforce Certified AI Associate   **10/2024**

Virtual Internships and Achievements

- RPA Virtual Internship - BLUEPRISM at AICTE.
- Python for Data Science from NPTEL.