

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

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.