

Ragavi P

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SUMMARY

A driven problem-solver specializing in cloud computing and Python, with proficiency in multi-cloud environments including AWS, GCP, and Azure. Brings practical experience in building and deploying applications, such as Cloud DDoS Mitigation System and Wisecow Application Deployment on Kubernetes.

EDUCATION

Agni College of Technology , B.E (Computer Science and Engineering) CGPA: 8.9	2022 – 2026
Infant Jesus Matriculation Hr. Sec. School XII Std: 85.5%	2021 – 2022
X Std: 98.8%	2019 – 2020

SKILLS

Programming Languages: Python, Java

Cloud Computing: AWS (EC2, S3), Google Cloud Platform (GCP), Microsoft Azure

Web Development: HTML, CSS

Other: Leadership and Event Management

PROJECTS

Wi-Fi Sensing Based Home Monitoring Tool

- Developed a privacy-preserving home monitoring system that processes Wi-Fi CSI and RSSI data to detect occupancy, movement, and fall events without cameras or wearable devices.
- Built a real-time dashboard and alert system to notify users of abnormal activities.

Tech Stack: Python, Flask, Scikit-learn, Pandas, NumPy, MySQL

E-Commerce Agriculture App

- Designed a high-fidelity prototype for a platform connecting farmers directly with consumers to promote fair pricing.
- Created complete UI/UX flows for product listings, ordering, and doorstep delivery.

Tech Stack: Figma

Cloud DDoS Mitigation System

- Engineered a real-time DDoS mitigation system to detect abnormal traffic patterns and automatically block malicious IP addresses.
- Deployed the solution on Amazon Web Services using Docker and integrated Grafana dashboards for live traffic visualization and attack analytics.

Tech Stack: Python, Scapy, Docker, AWS, Grafana

INTERNSHIP

Web Development Intern – White Mastery Systems

Apr 2026 – Jul 2026

- Assisted in managing and updating admin panel functionalities, including website segments and feature components.
- Performed website testing, URL redirection validation, and recreated responsive web pages based on design requirements.

Tech Stack: HTML, CSS, JavaScript, SQL

CERTIFICATIONS

- Cloud Computing (Elite + Silver) – NPTEL, 78%
- Java
- Python
- MS Word, Excel, PowerPoint
- C, C++, HTML

ACHIEVEMENTS AND AWARDS

- First Prize – Project Competition (CSE Dept.)
- Outstanding Achiever Award – Secured GPA 9.14 in Academic Year 2022–2023

EXTRACURRICULAR ACTIVITIES

- Club Coordinator – CSE Dept., Agni College of Technology
- Co-ordinator– Organized a successful college symposium