

Vadithe Usha Bai

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<https://github.com/usha-vadithe>

Education

Rajiv Gandhi University of Knowledge and Technologies , B.Tech in Computer Science	2022 – 2026
• CGPA: 8.5 (Up to 5th Semester)	
Rajiv Gandhi University of Knowledge and Technologies , Pre-University Course (PUC)	2020 – 2022
• CGPA: 9.69	
Z.P. High School , V. Reddypalam, Palnadu District	2015 – 2020
• Marks: 592	

Projects & Internships

Automated Vulnerability Scanner	Cybersecurity Project
• Built a web tool using Python and Django to detect vulnerabilities with Nmap integration.	
• Stored results in MySQL and generated live vulnerability report links.	
Cloud Security & Monitoring	Internship – CodTech
• Set up secure cloud storage with AWS S3 and GCP with IAM and encryption.	
• Built monitoring dashboards using AWS CloudWatch and configured multi-cloud architecture.	
Cloud Computing Intern	Internship – CodeAlpha
• Developed a data redundancy removal system to enhance database accuracy.	
• Implemented security measures to prevent SQL injection-based data leaks.	
• Designed a scalable cloud-based bus ticketing system for smooth online booking.	

Technical Skills

Languages: Python, Java, C
Web/Frameworks: Django, HTML, CSS
Cybersecurity: Nmap, OWASP Top 10, Penetration Testing, Vulnerability Assessment
Cloud Platforms: AWS (S3, IAM, CloudWatch), Google Cloud
Tools: Git, GitHub, Docker (basic), VS Code
Databases: MySQL

Certifications

- Machine and Deep Learning Cybersecurity – Alison
- Data Science – edX
- Cybersecurity Analyst Job Simulation – Forage, Tata (April 2025)
- AWS Cloud Computing – Beginner Level
- DevOps Tools – GitHub Actions, Jenkins
- BIS Certification – National Standardization Ecosystem
- National Tech Event (TecZite) – Participant

Hobbies & Strengths

Hobbies: Reading, Singing, Sudoku, Chess, Logical Thinking
Strengths: Communication, Team Player, Self-Motivated, Logical Reasoning