

Ambavaram Tirumala Konda Reddy

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🌐 [Kondareddy](#) — [Ambavaram-LinkedIn](#) — 🌐 [KondaReddy-Portfolio](#)

Objective

A motivated Computer Science student with strong skills in cybersecurity, cloud infrastructure, and threat detection, seeking a Security Research Internship to contribute to Microsoft's mission of empowering organizations to stay ahead of evolving cyber threats. Eager to apply my experience in vulnerability assessments, cloud security, and network analysis to real-world security challenges.

Education

Saveetha School of Engineering, Chennai

Sep 2022 - Present

Bachelor of Engineering in Computer Science and Engineering

CGPA: 8.41/10.0

Experience

Cybersecurity Intern — Prodigy (Remote)

Oct 2024 - Nov 2024

- Conducted vulnerability assessments, penetration test, and implemented security policies to safeguard sensitive data.

Cloud Computing Intern — Teachnook (Remote)

Jun 2024 - Aug 2024

- Deployed and managed cloud infrastructure on AWS and Oracle Cloud, focusing on secure configurations.

Web Developer Intern — Learn Flow (Remote)

Sep 2024 - Oct 2024

- Developed responsive websites using HTML, CSS, and JavaScript, optimizing for performance and security.

Skills

- **Programming Languages:** Python, Java, C
- **Security Tools:** Vulnerability Analysis, Penetration Testing, Cisco Packet Tracer
- **Technical Skills:** Threat Analysis, Cloud Security, GitHub, Network Security, Ethical Hacking
- **Cloud Platforms:** AWS, Oracle Cloud Infrastructure

Major GitHub Projects

- **Machine Learning Codes for Core Project (Agricultural Needs)**
[GitHub Repository](#)
- Developed ML models to predict agricultural outcomes, improving yield using Python-based algorithms.
- **Network Packet Analyzer**
[GitHub Repository](#)
- Built a tool to analyze network packets, providing insights into traffic patterns for security enhancements.
- **Password Complexity Checker**
[GitHub Repository](#)
- Evaluates passwords for strength to promote better security.
- **Key Logger**
[GitHub Repository](#)
- Developed a keylogging tool leveraging the pynput library to capture and log user keystroke, Designed a flow to capture, logging, and optional user output display.
- **Pixel Manipulation for image Encryption**
[GitHub Repository](#)
- This repository includes that different types of Web Development Projects Such as Portfolio, Expensive Tracer, Online Learning Platform.

Certifications

- **Cybersecurity Job Simulation - Forage, JP Morgan Chase & Co** - [Certificate Link](#)
- **Fundamentals of CyberSecurity - Coursera** - [Certificate Link](#)
- **Introduction to Cybersecurity - Cisco Networking Academy** - [Certificate Link](#)
- **Google Data Analytics Professional Certificate** - [Certificate Link](#)
- **Oracle Cloud Infrastructure 2024 Certified AI Foundations Associate** - [Certificate Link](#)
- **Introduction to Front-End Development** - [Certificate Link](#)
- **Oracle Cloud Infrastructure Foundations 2024** - [Certificate Link](#)
- **Code Vipassana Season 7** - [Certificate Link](#)
- **Ethical Hacking Web Hacking intro by Udemy** - [Certificate Link](#)
- **Hack 2 Skill Bootcamp** - [Certificate Link](#)

Interests

- Software Development, Competitive Programming, Open-Source Contributions
- Cybersecurity, AI/ML for Security Enhancements