VAMSI KRISHNA ALLADA

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Education

Amity University	**2020 – Present**
B-Tech in Computer Science and Engineering —— CGPA 7.7	*Raipur, Chhattisgarh*

Narayana Junior College	**2018 – 2020**
12th —— CGPA 10	*Visakhapatnam, Andhra Pradesh*

Bhashyam High School	**2017 – 2018**
10th —— CGPA 10	*Visakhapatnam, Andhra Pradesh*

Technical Skills

Proficient in: Python, MySQL, Linux, Security information and event management (SIEM), Computer Networks, Operating Systems, Vulnerability Assessment, Penetration Testing, Open-Source Intelligence (OSINT)
Familiar With: Database Management System (DBMS), OOPs, Bash, GitHub
Tools and Software's: VS Code, Google Cloud Platform, Oracle Virtual Box,

Experience

Virtually Testing Foundation	**May 2022 – July 2022**
Cyber Security Engineer	*Los Angeles, California*

- Proficiently conducted log analysis and monitoring using Splunk, resulting in a improvement in threat detection and response times. Applied practical approaches to OWASP Top 10 tools, enhancing penetration testing skills and successfully identifying and mitigating vulnerabilities in critical systems.

Projects

Alpha Tube A.I. | *Python, Selenium, YouTube, Google Cloud, API*

- Developed a Python-based YouTube Automation Tool, integrating seamlessly with Bard A.I. This resulted in a remarkable 70 Percent reduction in video upload time, optimizing key elements like video title, description, tags, and category using Google Bard A.I. for intelligent content analysis. The upload time was reduced from approximately 3 minutes to under 60 seconds.

Voice Lingo Cloner | *VALL-E, Whisper, Python, Google Colab*

- Developed and deployed an advanced voice cloning AI system using python leveraging OpenAI Whisper and Microsoft technologies; achieved seamless multilingual communication by efficiently converting uploaded videos into diverse audio formats, promoting global user engagement.
- The system showcased its capabilities by transcribing audio content into text and offering translation features, all while preserving the distinctive voice characteristics of the speaker.

Security Tools

- Port Scanner, Password Brute Forcer, IP Finder, Fake Mobile Number Detector from a Database, Social Media Automation Using Python.

Achievements

- ∗ TryHackMe Top One Percent among over 25 Lakh CTF Players (Rank 28,000)
- ∗ Designed Phishing Email Simulation for Master Card Networks (2nd Largest Payment Processor in the World)
- ∗ Identified and responsibly disclosed a critical security vulnerability of an online Shopping Website (Kwabey)
- ∗ Championed and led winning teams in consecutive Internal Smart India Hackathons (2022, 2023)
- ∗ Recognised as Google Crowdsource Top Contributor 2022, holding the top position in both Telangana and A.P States
- ∗ Successful Completion of Google Cloud and Machine Learning Tracks 2021 and 2022

Certifications

- · Certified Ethical Hacker, EC-Council (CEH) (Expiry: 2023 - 2026)
- · Demystifying Networking (NPTEL) - IIT Bombay
- · Ethical Hacking Essentials (EHE) EC-Council

Additional Training

- · Python Training - IIT Kanpur 2021
- · Cyber Security Awareness Training – Amazon