

# Mokshagna Anurag Kankati



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[LinkedIn](#)



[GitHub](#)



[Portfolio](#)

## Education

### MVGR College of Engineering

Bachelor of Technology in Electronics and Communication Engineering

Nov. 2022 – May 2026

Vizianagaram, Andhra Pradesh

## Experience

### Shadowfox

Sep 2024 – Oct 2024

Cyber Security Intern

Remote

- Conducted penetration testing and vulnerability assessments using tools such as Nmap, Metasploit, and Wireshark on 10+ systems, uncovering 15+ critical vulnerabilities.
- Applied advanced security protocols, reducing attack vectors by 30% and enhancing organizational cybersecurity defenses.
- Enhanced reconnaissance and privilege escalation expertise through hands-on labs on TryHackMe, completing over 20 scenarios.

## Skills

- Programming: Python, Data Structures and Algorithms (DSA), SQL, MATLAB
- Technologies: OpenCV, VAPT, Git, Nmap, Wireshark, Burp Suite, IoT, Embedded Systems, NumPy
- Soft Skills: Collaboration, Leadership, Problem-solving

## Projects

Cybercrime Reporting Chatbot | Python, AI, Gradio, NLP

GitHub

- Engineered an AI-powered chatbot to assist users in identifying and reporting cybercrimes, successfully handling 100+ user queries.
- Integrated intent recognition and sentiment analysis algorithms using scikit-learn for effective classification and insights.
- Deployed a user-centric interface using Gradio, improving accessibility and crime report generation efficiency.

Automatic Vehicle Number Plate Detection | Python, OpenCV

GitHub

- Designed and implemented a real-time vehicle number plate detection system using OpenCV, achieving 95% accuracy.
- Optimized image processing techniques for enhanced accuracy in diverse environmental conditions.

Phishing Link Scanner | Python, VirusTotal API

GitHub

- Developed a scanner analyzing 200+ URLs for phishing risks, integrating VirusTotal API for comprehensive security analysis.
- Incorporated user-friendly outputs with intuitive, color-coded feedback for enhanced usability.

## Achievements

- Winner** of the **Cyber Secured Champion Competition**, ranking **first** among **500+ participants**.
- Second-place winner** at **AVISHKAR Season-2 Hackathon**, awarded a prize of **1 Lakh INR**.
- Top 6 finalist** in the **Embedded Scholarship Exam** by **SENSE Academia**.
- Presented innovative **drone applications** at the **Andhra Pradesh Hackathon on Drones**.
- Secured a spot in the **top 10 teams** at the **Serve Smart Hackathon** hosted by **IIT Banaras** by developing a cutting-edge solution.

## Leadership

### MVGR GLUG

Volunteer

Oct 2023 – Present

Vizianagaram, Andhra Pradesh

Organized IoT workshops during Freedom Fest, engaging over 100 participants in hands-on learning.

### Swecha Andhra Pradesh

Member

Oct 2023 – Present

Vijayawada, Andhra Pradesh

Promoted open-source technologies through workshops and outreach programs, reaching 200+ students.

## Certifications

Practical Ethical Hacking (TCM Security)

Linux 101 (TCM Security)

Cloud Computing (IIT Kharagpur)

Embedded Systems for Beginners (NIELIT)

OSINT Investigation Techniques (TCM Security)