GORDON ANTONIO ERASMO GOMES

+91 9168585974| gordon.gomes777@gmail.com | LinkedIn | Tryhackme | Credly| Website

Panjim, Goa, India

PROFESSIONAL SUMMARY

Cybersecurity professional and Junior Penetration Tester with expertise in wireless and network penetration testing, vulnerability assessment, and AI-driven threat detection. Proficient in tools like Nmap, Metasploit, and Burp Suite, with hands-on experience in securing IoT systems and optimizing large language models (LLMs) for cybersecurity applications. Seeking to leverage technical skills and certifications to enhance organizational security.

EXPERIENCE

Penetration Tester
Hoarus Consultancy Pvt. Ltd., Panjim, Goa
2023 – Present

- Conducted wireless and network penetration tests using Nmap, Metasploit, and Burp Suite, identifying 10+ critical vulnerabilities per assessment and delivering actionable remediation reports.
- Developed secure IoT solutions with MQTT protocols, ensuring robust device security for client projects.
- Contributed to a large-scale LLM project, enhancing data security through pre-processing and vulnerability analysis.
- Built a client-facing website using HTML, CSS, and JavaScript, implementing secure coding practices to mitigate risks.

EDUCATION

Rosary College of Commerce & Arts, *Goa*
Bachelor in Computer Application   CGPA- 7.50

TECHNICAL PROFICIENCIES

- Cybersecurity Tools: Nmap, Metasploit, Burp Suite, Wireshark, OWASP ZAP
- Programming: Python, C, HTML, CSS, JavaScript
- Frameworks: TensorFlow, PyTorch, Hugging Face, Weights & Biases, NIST Cybersecurity Framework (CSF) MITRE ATT&CK, OWASP Top 10
- Domains: Penetration Testing, Wireless Network Security, IoT Security, LLM Optimization

CERTIFICATION

Certified in Cybersecurity (CC), ISC2

- Gained expertise in ethical hacking, network scanning, and threat mitigation using Metasploit and Wireshark.

The Complete Ethical Hacking Course: Beginner to Advanced, Udemy

- Mastered penetration testing methodologies and vulnerability assessment techniques.

Cybersecurity Fundamentals, IBM SkillsBuild

- Learned core cybersecurity concepts, including encryption, social engineering, and attack prevention.

Python for Beginners, SoloLearn

- Developed foundational Python skills for automation and problem-solving.

Pre Security, Tryhackme

- Cyber security basics
- Networking basics and weaknesses
- The web and common attacks
- Learn to use the Linux operating system

Preparing for my CompTIA Network+, BSCP & eJPT Certificates

PROJECTS

AutoPentest-CLI: An AI-Enhanced Ethical Penetration Testing Automation Framework

- Developed an automated ethical hacking tool integrating Nmap, Metasploit, and OWASP ZAP, streamlining reconnaissance, scanning, and reporting.
- Leveraged Llama3 (via Ollama) to generate detailed vulnerability reports, reducing analysis time by 20%.

Fine-Tuned Model for Cybersecurity Threat Detection

- Built a specialized LLM for phishing email detection and vulnerability assessment, achieving 15% improved accuracy using Hugging Face and TensorFlow.

- Utilized Grok for data generation and evaluation, optimizing model performance.

Wireless Surveillance System with ESP32-CAM

- Created a real-time wireless camera system using ESP32-CAM, programmed in C for efficient video streaming.
- Designed a web-based UI for remote monitoring, tested successfully over a local network.

EXTRACURRICULAR ACTIVITIES

Tata - Cybersecurity Analyst Job Simulation

In the simulation I:-

- Completed a job simulation involving identity and access management (IAM) for Tata Consultancy Services, collaborating with a Cybersecurity Consulting team.
- Acquired expertise in IAM principles, cybersecurity best practices, and strategic alignment with business objectives.
- Delivered comprehensive documentation and presentations, showcasing the ability to communicate

complex technical concepts effectively.

AWS - Solutions Architecture Job Simulation

In the simulation I:-

- Designed and simple and scalable hosting architecture based on Elastic Beanstalk for a client experiencing significant growth and slow response times.
- Described my proposed architecture in plain language ensuring my client understood how it works and how costs will be calculated for it.

Deloitte Australia - Cyber Job Simulation

In the simulation I:-

- Analyzed Web Activity Logs: Reviewed and interpreted web activity logs to identify patterns and anomalies, enhancing skills in data analysis and cybersecurity monitoring.
- Supported Client During Cyber-Security Breach: Assisted a client in responding to a simulated cybersecurity breach, applying problem-solving techniques to mitigate risks and secure systems.
- Identified Suspicious User Activity: Answered targeted questions to pinpoint suspicious user behaviors, demonstrating attention to detail and knowledge of cybersecurity threat detection.