Jason Kyle Avanceña Software Engineer & Penetration Tester | Red Team Specialist | jkra662200@gmail.com | +639165847986 | https://github.com/timewarp180

Professional Summary

Highly skilled **Software Engineer and Penetration Tester** with expertise in full-stack development and cybersecurity. Adept at developing secure applications while identifying and mitigating vulnerabilities in web, network, and cloud environments. Passionate about ethical hacking, red teaming, and secure software development.

Technical Skills

Programming & Web Development:

- HTML5, CSS3, JavaScript, React, Node.js, PHP, Laravel, Python, Git, Docker

Penetration Testing & Cybersecurity Tools:

- Metasploit, Burp Suite, Wireshark, Nmap, Nikto, Gobuster/Dirb, SQLmap, John the Ripper, Aircrack-ng

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Experience

Penetration Tester

ShadowOps Security, Remote | 2025 - Present

- Performed **web application penetration testing** using **Burp Suite, SQLmap, and Nmap**.
- Conducted **network security assessments** using **Wireshark, Metasploit, and Aircrack-ng**.
- Executed **social engineering and phishing campaigns** to assess organizational security awareness.
- Provided detailed **security reports** with risk analysis and remediation steps.

Red Team Specialist

DarkNet Solutions, Manila, Philippines | 2024- 2025

- Led **red team exercises** simulating real-world cyber threats to enhance **incident response** capabilities.
- Conducted **physical security assessments**, including **RFID cloning, tailgating, and lock picking**.
- Used **advanced exploit development techniques** to bypass defenses and escalate privileges.
- Provided **executive-level security debriefings** on red team findings and risk mitigation strategies.

Software Engineer

DevSec Innovations, Cebu, Philippines | 2024- 2024

- Developed and maintained secure web applications using **React, Node.js, PHP, and Laravel**.
- Implemented **secure coding practices** to prevent **SQL Injection, XSS, CSRF, and authentication vulnerabilities**.
- Conducted **code reviews and security audits** to ensure robust application security.
- Deployed applications using **Docker** for scalable and secure environments.

Software Engineer

Accenture, Cebu, Philippines | 2023- 2024

- Developed and maintained secure web applications using **SAP ABAP, SAP ERP.SAP S/4HANA**
- Implemented **secure coding practices** to prevent **SQL Injection, XSS, CSRF, and authentication vulnerabilities**.
- Conducted **code reviews and security audits** to ensure robust application security.
- Deployed applications using **SAP HANA** for scalable and secure environments.

Projects

Secure Web Application Development

- Built a **full-stack web application** with **React, Node.js, and Laravel** implementing **OWASP security best practices**.

Pentest Lab Simulator

- Developed a self-hosted **penetration testing lab** featuring vulnerable applications for security training.

Education

Bachelors in Information Technology
University Of San Carlos | 2018 - 2023