PATRICK MARK ANDREI M. CASTRO

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OBJECTIVE

Dedicated cybersecurity professional with extensive hands-on experience in Vulnerability Assessment and Penetration Testing (VAPT) for web, API, and mobile platforms, as well as Red Teaming, acquired from working with international clients and projects. Seeking a mid to senior-level role within a forward-thinking company that values technical expertise and a commitment to cybersecurity excellence. Equipped with a Bachelor's Degree in Computer Science, I offer a solid foundation in network, web, and mobile application security best practices. My qualifications include:

- Proficiency in programming and scripting languages such as Python, PHP, JavaScript, Java, C#, C++, Ruby, and Bash.
- Experience in developing and deploying web applications and managing databases on cloud platforms like Heroku and AWS.
- Strong task management skills with the ability to handle multiple projects.
- Expertise with security toolkits including Kali Linux, Metasploit, and Burp Suite.
- In-depth knowledge of cybersecurity frameworks and standards such as CWE, NVD, OWASP, and CVSS.

EDUCATION

Adamson University - Bachelor's, Computer Science
- Former Adamson University Student Government (AUSG) Representative of Adamson Computer Science Society (ACOMSS)
- Former Executive Treasurer of Adamson Computer Science Society (ACOMSS)
- Hackathon Team Leader in UNFPA Cybersecurity Conference 2020

CERTIFICATIONS

- **The SecOps Group:** Certified Mobile Pentester (CMPen - iOS)
- **The SecOps Group:** Certified Mobile Pentester (CMPen - Android)
- **The SecOps Group:** Certified Network Security Practitioner (CNSP)
- **The SecOps Group:** Certified AppSec Pentester (CAPen)
- **The SecOps Group:** Certified AppSec Practitioner (CAP)
- **INE (formerly eLearnSecurity):** Web application Penetration Tester (eWPTv2)
- **INE (formerly eLearnSecurity):** Junior Penetration Tester (eJPT)
- **ISC2:** Certified in Cybersecurity (CC)
- **Mile 2 C)PTE:** Certified Penetration Testing Engineer
- **Mile 2 C)SA1:** Certified Security Awareness 1
- **CertiProf:** Cybersecurity Awareness Professional Certification (CAPC)
- **Fortinet NSE:** Network Security Associate (NSE 2 & NSE 1)
- **ISO/IEC 27001:** Information Security Associate™
- **ISO/IEC 20000:** IT Service Management Associate™

EXPERIENCES

Manulife Data Services Inc., Quezon City, NCR   October 2023 - Present
Penetration Tester, Application Security
- One of the pioneers of the GCS (Global Cyber Security) Application Security Team.
- Conduct comprehensive penetration tests on internal and external web applications, web services, and during SDLC releases.
- Perform security assessments for APIs, and conduct mobile security testing for Android and iOS applications.
- Execute security tests throughout the Software Development Life Cycle (SDLC) to identify and address vulnerabilities.
- Create and deliver detailed penetration test reports to stakeholders across multiple regions including Canada, Asia (e.g., Philippines, Japan, Hong Kong, China, Singapore, Cambodia, Indonesia), and Global Wealth and Asset Management (GWAM) segment.
- Work with app teams from diverse regions to provide remediation support and enhance security posture.
- Conduct Dynamic Application Security Testing (DAST) scans on web applications and web services.
- Developed comprehensive mobile security testing documentation to enhance application security protocols.
- Contributed detailed and accurate inputs to the vulnerability database, including threat data,

risk assessments, and mitigation strategies.
- Utilize tools such as BurpSuite (Professional and Enterprise), Postman, MobSF, and more.

KPMG R. G. Manabat & Co., Makati City, NCR   August 2022 - October 2023
Cyber Security Consultant, Consultant I
- Reviews client's processes and controls against leading practice and industry frameworks
- Conducts VAPT activities in network, web application (blackbox and graybox), API, and more from different industries including financial services, managed services, energy sector, business processing outsourcing, and more.
- Conducts Red Teaming activities (phishing, physical security, wireless testing).
- Utilizes tools such as Kali Linux, Metasploit, BurpSuite Pro, Nmap, Nessus Expert, Nuclei, Dradis framework, and more.
- Experienced in creating, editing, validating VAPT reports.
- Involved in development of web application scanner used for VAPT engagements.
- Co-leads the execution of VAPT in Web VAPT for different engagements.

Poseidon IT Solutions, Remote/Taguig City, NCR   March 2022 - May 2022
Security Analyst Intern
- Utilized platforms and tools such as Kali Linux, Metasploit Framework, BurpSuite, and more.
- Created learning materials in network security, digital forensics, network attacks and exploits, and more.
- Created two CTFs for students about digital forensics and ethical hacking.
- Experienced in writing a data privacy notice.

TALKS

Adamson University   August 2023
Panelist, Computer Science Capstone Project

Adamson University   March 2022
Presenter, Computer Science Research Symposium

ACHIEVEMENTS

TCON7 2024   November 2024
1st Place, Capture the Flag (CTF)

UNFPA Cybersecurity Conference 2020   October 2020
Grand Winner, Hackathon
Best Technology Award, Hackathon
Best Idea Award, Hackathon

CTFs

TCON7 CTF	November 2024
NahamCon CTF 2024	May 2024
NahamCon CTF 2023	June 2023
HSCTF 10	June 2023
DamCTF 2023	April 2023
HTB Cyber Apocalypse 2023	March 2023
picoCTF 2023	March 2023
MHSCTF Valentine's Day Edition	February 2023
idekCTF 2022	January 2023
Real World CTF 5th	January 2023
GuideM HackTheKingdom CTF	December 2022
NahamCon 2022 CTF	April 2022
HacktivityCon 2021	September 2021

SKILLS

Soft Skills
- Teamwork
- Leadership
- Openness to criticism
- Adaptability
- Mentoring

Technical Skills
- Vulnerability Assessment
- Penetration Testing
- Application Security
- Network Security
- Mobile Application Security
- iOS jailbreak
- Android rooting
- Web development
- Programming (Python, C++, C#, Java, PHP)
- Database management (MySQL and Microsoft SQL Server)
- Experience in using Dradis, Trello, Figma, Github, VS Code, VMWare
- Knowledgeable in OWASP Top 10 (Web, API, Mobile).

TRAININGS
- INE Web Application Penetration Testing Professional, January 2024
- APIsec API Security Fundamentals, November 2023
- ROOTCON 17: Red Team Village - Initial Payload Development, September 2023
- ROOTCON 17: Red Team Village - Introduction to Red Teaming, September 2023
- ROOTCON 17: 101 Village - Mobile Pentesting 101, September 2023
- (ISC)^2 CC: Certified in Cybersecurity, (ISC)^2, June 2023
- Web Application Penetration Testing, KPMG, March, 2023
- Network and Active Directory, KPMG, March 2023
- Mobile Application Security Testing, KPMG, March 2023
- Wi-Fi Security Testing, KPMG, February 2023
- Digital Forensics, KPMG, February 2023
- TCM Security - Mobile Application Penetration Testing, January 2023
- Various TryHackMe Learning Paths and Rooms, January 2023
- GuideM Ethical Hacking: Vulnerability Assessment & Penetration Testing, December 2022
- Mile2 C)PTE: Certified Penetration Testing Engineer, October 2022
- Mile2 C)SA1: Certified Security Awareness 1, October 2022
- Data Privacy Training, August 2022
- Information Protection Fundamentals, August 2022
- Ethical Hacking: Wireless Networks, August 2022
- Intro to Bug Bounty Hunting and Web Application Hacking, August 2022
- Web Application Penetration Testing, August 2022
- NSE 2 The Evolution of Cybersecurity, May 2022
- NSE 1 Information Security Awareness, February 2022
- INE Penetration Testing Student, February 2022
- TCM Security - Practical Ethical Hacking (PEH), October 2020

CONFERENCES

InfoSec In the City, SINCON 2025 Conference May 2025
Attendee, Orchard Rd, Singapore

TCON7: Northern Philippines' National Cyber Security Conference November 2024
Participant, Tuguegarao City

ROOTCON 18: Hacking Conference September 2024
Attendee, Tagaytay City

DECODE 2024: FUSION FORWARD September 2024
Attendee, EDSA Shangri-la, Manila

ROOTCON 17: Hacking Conference September 2023
Attendee, Tagaytay City