MA

Michael
ANDERSON

IOT SECURITY PENETRATION TESTER

Highly skilled Penetration Tester with a focus on IoT security, possessing over 5 years of experience in identifying vulnerabilities in connected devices and networks. My hands-on experience encompasses conducting security assessments, developing threat models, and implementing security measures to protect IoT ecosystems. I have worked extensively with various IoT protocols and platforms, ensuring that security is integrated from the design phase through deployment.

CONTACT

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- 📍 San Francisco, CA

SKILLS

- IoT Security
- Penetration Testing
- Vulnerability Assessment
- Threat Modeling
- Secure Coding
- Protocol Analysis
- Network Security
- Risk Management

LANGUAGES

- English
- Spanish
- French

EDUCATION

BACHELOR OF SCIENCE IN COMPUTER SCIENCE, UNIVERSITY OF INNOVATION

ACHIEVEMENTS

- Developed an IoT security assessment framework adopted by multiple organizations.
- Recognized for enhancing client security postures through effective assessments.
- Presented at leading IoT security conferences, sharing insights on emerging threats.

WORK EXPERIENCE

IOT SECURITY PENETRATION TESTER
SmartTech Security
2020 - 2025

- Performed security assessments on IoT devices and applications, revealing critical vulnerabilities.
- Developed threat models to identify potential risks associated with connected devices.
- Collaborated with product teams to integrate security measures during the development phase.
- Conducted workshops on IoT security best practices for clients.
- Utilized tools such as Wireshark and Burp Suite to analyze network traffic.
- Published findings in industry journals, raising awareness of IoT security issues.

SECURITY CONSULTANT
IoTSecure Inc.
2015 - 2020

- Advised clients on secure design practices for IoT applications.
- Conducted penetration tests on various IoT platforms and devices.
- Documented vulnerabilities and provided actionable remediation strategies.
- Participated in developing an IoT security framework for clients.
- Engaged in industry discussions on the future of IoT security.
- Trained teams on the importance of IoT security awareness.