

MICHAEL ANDERSON

Offensive Security Engineer

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As an Offensive Security Engineer with 4 years of experience in the healthcare sector, I have specialized in securing medical devices and electronic health records. My career began in network administration, providing me with a solid foundation in IT before transitioning to security. I focus on implementing security measures that protect sensitive patient information while ensuring compliance with HIPAA regulations.

WORK EXPERIENCE

Offensive Security Engineer | HealthSecure Solutions

Jan 2022 – Present

- Performed penetration testing on medical devices, identifying vulnerabilities that improved device security by 45%.
- Integrated security practices into the development of electronic health record systems to ensure HIPAA compliance.
- Utilized Qualys and Rapid7 for vulnerability scanning and remediation efforts.
- Collaborated with healthcare professionals to train staff on security best practices.
- Conducted risk assessments that informed the implementation of security upgrades.
- Provided reports to management that influenced security policy changes.

Security Analyst | MediSecure Corp.

Jul 2019 – Dec 2021

- Conducted security assessments on healthcare applications to identify vulnerabilities.
- Participated in incident response activities to mitigate security breaches effectively.
- Collaborated with IT teams to implement security patches and updates promptly.
- Documented security incidents and responses for compliance audits.
- Engaged in continuous education to stay updated on healthcare security trends.
- Contributed to the development of security policies for patient data protection.

SKILLS

Healthcare Security

Medical Device Security

Vulnerability Testing

Qualys

Rapid7

HIPAA Compliance

EDUCATION

Bachelor of Science in Information Security

2017

University of Health Sciences

ACHIEVEMENTS

- Identified and remediated a critical vulnerability in a medical device, enhancing patient safety.
- Developed a training program that improved healthcare staff's security awareness by 35%.
- Received recognition for contributions to improving compliance with HIPAA regulations.

LANGUAGES

English

Spanish

French