

Sundus Shere

Application Security Engineer

Profile

As an Application Security Engineer with over 3 years experience, I have developed a comprehensive understanding of software security engineering and data protection. My experience includes developing secure applications, performing security testing, analyzing application security risks, and participating in security incident response activities. I have a strong background in software development, network security, and penetration testing. I am familiar with industry best practices for securing web applications, mobile applications, databases, and other applications. Additionally, I have experience with various security tools, including Wireshark, Burp Suite, and Metasploit. My ability to identify and mitigate security risks has enabled me to successfully secure software applications in both public and private environments.

Employment History

Lead Application Security Engineer at Hawaiian Telecom, HI

Oct 2022 - Present

- Developed and implemented a comprehensive application security program for Hawaiian Telecom, HI, which reduced the risk of data breach by 80%. This included conducting regular vulnerability scans on all applications in use across the organization to identify any potential weaknesses.
- Led an initiative that resulted in reducing system downtime from 4 hours per month to just 10 minutes per quarter due to improved incident response time when addressing critical vulnerabilities.
- Implemented automated patching processes for over 200 mission-critical business applications used at Hawaiian Telecom, resulting in decreased overhead costs and increased efficiency as well as providing real-time alerts regarding software updates or patches needed throughout the organization's network infrastructure.

Senior Application Security Engineer at Hoku Scientific, HI

Aug 2020 - Sep 2022

- Developed and implemented a comprehensive application security program for Hoku Scientific, HI that reduced the risk of data breaches by 75% over 6 months.
- Conducted vulnerability assessments on all web applications deployed in production environment to identify potential threats and remediated identified vulnerabilities within 2 weeks from discovery date resulting in improved overall system integrity.
- Developed secure coding guidelines based upon industry best practices which resulted in increased code quality with fewer defects during internal QA testing cycles reducing time-to-market significantly.

Education

Bachelor of Science in Application Security Engineering at Hawaii Pacific University, Honolulu, HI

Aug 2016 - May 2020

Details

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Honolulu, HI

Links

[linkedin.com/in/sundusshere](https://www.linkedin.com/in/sundusshere)

Skills

Network Security

Risk Assessment

Penetration Testing

Vulnerability Management

Application Security Auditing

Secure Coding Practices

Cryptography

Languages

English

German

Hobbies

Penetration Testing

Reverse Engineering

Bug Bounty Hunting