

Cybersecurity Career

Feb 2021 – Feb 2024

Product Manager at Trustwave - *A Cybersecurity & Managed Security Services Provider*

Roles and Responsibilities:

- Managed the MDR and Co-Managed SOC offerings as part of the larger MSSP service
- Managed the STM offering to administrate the client's third-party security technology
- Managed the ModSecurity WAF commercial ruleset offering, developing a proprietary ruleset that enhances the open-source ModSecurity project
- Designed an IDS and Scanner offering to be rapidly deployed on a client's network, providing immediate security value
- Collaborated with the product team to accomplish product planning, product road mapping, competitive analysis, product documentation, marketing material, and to provide training material to the sales team
- As Scrum Master oversaw the engineering agile process of sprint planning, review, and retrospective
- As Product Owner oversaw the engineering backlog refinement process and guided new features to deployment

Projects & Accomplishments

MSS MTTR Improvements: I led an initiative to reduce and normalize our Mean Time to Respond (MTTR) to security incidents. Through implementing process changes and platform improvements, we cut the MTTR in half, to align with our goal of 30 minutes for critical incidents.

AWS Cost Optimization: As part of a larger cost-saving project, I identified recurring and irrelevant data that was contributing to excessive AWS costs. By implementing changes to the platform and service, we achieved a \$2 million annual savings.

Reporting, Dashboards & Data Visualization: I led an initiative to redesign our reporting system to better visualize data for the client. Through gathering client feedback, standardizing data sets, building new reports, and providing a "risk score" to clients, we increased interest in our reporting system and reduced escalations by 90%.

SIEM Schema Expansion: To support complex rules and playbooks, our SIEM required a schema modernization. I helped map our existing schema to industry standard fields and coordinated the platform improvements required to support the new schema. These changes resulted in fewer parsing errors and increased data consistency and reliability, leading to better rule detections.

IOC Hunting: To support our Threat Detection and Response team during ongoing security incidents, we developed a tool which automatically hunts for newly identified IOCs across the client base. This tool automated a significant portion of our Emerging Threat Hunting process, resulting in.

Education

Boise State University

BS in Health Science

BS in Computer Science

Emphasis in Cybersecurity

Minor: Biology, Chemistry

Graduation: Dec 2021

Certifications

- *CompTIA Security+*, 2024 via CompTIA
- *Certified Scrum Product Owner*, 2021 via Scrum Alliance
- Product Management Foundations & Focus Certificates*, 2023 via Pragmatic Institute

Proficiencies

Jira • Microsoft Office • Java • MySQL • HTML • PHP • Git • Confluence • Linux

Relevant Coursework

Algorithms
Version Control
Data Structures
Agile Development
Computer Science I
Computer Science II
Programming Languages
Intro to Database Systems
Navigating Computer Systems
Intro to Algebraic Cryptology
Discrete Mathematics
Web Development
Operating Systems
Offensive Security
Microprocessors
Digital Systems
Calculus

Additional Work Experience

May 2016 – Feb 2021

10 Barrel Brewing Boise

Started 10 Barrel as a busser and host, working up to server, bartender, and manager.

May 2018 – March 2019

On-Demand Medical Staffing – St. Luke's Hospital

Scribed for a physician at the St. Luke's Emergency Department. Interacted with patients, documented their visits and procedures.

Sept 2015 – May 2016

Aramark University Store – Cashier

Sept 2015 – Jan 2016

Cottonwood Grille – Servers' assistant

Links

Github: <https://github.com/joemgreen22>

LinkedIn: www.linkedin.com/in/joe-green-203573208

References

Available upon request