

## Joe Mendez-Hughes

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### SUMMARY

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Senior Cybersecurity Engineer with extensive experience in architecting and maintaining secure infrastructures. Proficient in SOC operations, application security, mobile security, and container security, utilizing tools like Burp Suite and Metasploit. Proven track record of reducing incident response times and enhancing overall system security. Passionate about automating and optimizing systems for security and compliance.

### PROFESSIONAL EXPERIENCE

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#### Senior Cybersecurity Engineer

Dynamo Technologies, Washington, DC

September 2023 - May 2024

- Implemented and optimized Palo Alto XSOAR automation, decreasing incident response time by **40%** and automating **70%** of routine security workflows, improving overall security team efficiency.
- Designed robust security measures by utilizing the STRIDE method, ensuring all facets of development were secure.
- Engaged with Red Teams to simulate attack scenarios and harden defense mechanisms, improving threat detection accuracy by **20%**.
- Monitored and analyzed security events in a 24/7 Security Operations Center (SOC), identifying and mitigating over **200** potential threats per month, reducing incident response time by **30%**.
- Led the security effort to integrate SAST and SCA into CI/CD pipelines, identifying and mitigating vulnerabilities early in the Software Development Life Cycle (SDLC).

#### Senior Cybersecurity Engineer

Deep Cloud IQ, New York, NY

July 2021 - September 2023

- Enhanced the overall security of a multi-cloud infrastructure by implementing comprehensive security controls, including Identity and Access Management (IAM), network segmentation, and automated compliance checks, resulting in a **40%** reduction in security incidents and a **25%** improvement in audit readiness.
- Collaborated with four different teams to integrate security into the software development lifecycle, reducing the number of security defects by **20%**.
- Architected SOAR and SOC solutions, reducing incident response time and improving monitoring efforts.
- Implemented a proactive threat-hunting program that reduced false positives by **40%** and enhanced detection of low-noise attacks.

#### Software Engineer

Millennial Shift Technologies, Phoenix, AZ

October 2020 - June 2021

- Delivered complex integrations by developing and deploying SOAP and RESTful APIs, optimizing API performance and reducing response time by **30%**.

#### Cybersecurity Analyst

Prize Logic, Scottsdale, AZ

February 2018 - May 2020

- Collaborated with senior engineers to design, implement, and optimize network and firewall security protocols.

### EDUCATION

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#### Network Security

College of Southern Nevada, Las Vegas, NV

January 2014 - May 2017

### SKILLS

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SOC, SOAR, Firewall, IAM, Threat Hunting, Threat Modeling, Burp Suite, Metasploit, SAST, DAST, API Security, Cloud Security, Container Security, Mobile Security, Remediation Planning, Penetration Testing