

Nicholas Taylor Smith

Software Engineer

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Summary

Software Engineer with experience integrating SIEM, SOAR, and OSINT platforms into SaaS solutions. Skilled in creating secure, scalable systems, automating workflows, and supporting enterprise operations. Looking to transition into a security-focused role, leveraging my software engineering expertise to enhance and streamline security operations.

Experience

Polarity

05/2021 - 01/2024

Software Engineer

- Developed and maintained integrations for the Polarity SaaS platform, enabling customers to connect security tools like SIEM, SOAR, and OSINT systems for streamlined threat detection and faster triage.
- Wrote secure APIs with sanitized inputs and implemented rate limiting to mitigate injection attacks and prevent abuse of integration endpoints.
- Created a TypeScript-based CLI and integrations library to simplify the development of custom solutions and ensure consistency across projects.
- Integrated security tools like Snyk into CI/CD workflows using GitHub Actions, automating vulnerability scans and reducing the risk of deploying insecure code.
- Worked directly with customers to troubleshoot integration issues and deliver solutions that aligned with their security workflows and requirements.

Rumbleship Financial

07/2019 - 11/2020

Software Engineer

- Built a notifications feature that dispatches emails to customers and internal service representatives at critical points of an order's lifecycle, e.g, Failed Payments and upcoming Charges
- Built and maintained product features for legacy REST applications using NodeJS, VueJS, and MySQL
- Uploaded, processed, and securely stored business identification documents provided by customers
- Developed and deployed features in GraphQL microservices that managed workflows for customer onboarding on the fly underwriting
- ETL data from customers, vendors, and internal microservices to enable on-the-fly underwriting
- Maintained auditable history of actions to differentiate applications that the system automatically approved from those that a service agent manually overrode

Republic Services

01/2019 - 05/2019

Software Engineer

- Reduced customer support response times by architecting a modern customer service application using Angular 2, NodeJS, AWS Lambda functions, and the Serverless framework, emphasizing scalable and secure cloud infrastructure
- Collaborated with UX design and customer success teams to convert mockups and user stories into secure, interactive features while troubleshooting and resolving production issues
- Crafted extensive unit and feature tests in Jest to ensure the security and reliability of application code

Education

Western Governors University

Bachelor of Science in Network Engineering and Security

01/2024 - present

- Expected graduation - 04/2025

Certifications

- CompTia Security+
- CompTia Network+

Skills

- **Programming Languages:** JavaScript (ES6+), TypeScript, Python, SQL
- **Frameworks & Libraries:** Node.js, Express, Hapi, Vue.js, React, Redux, Angular 2+, Ember.js
- **Security Tools:** Nmap, Metasploit, Burp Suite, Snyk
- **Platforms & APIs:** Elasticsearch, Splunk, Sumo Logic, CrowdStrike, Exabeam, VirusTotal, Okta
- **DevOps & CI/CD:** GitHub Actions, CircleCI, Docker, Kubernetes
- **Cloud Services:** AWS (EC2, Lambda), GCP (StackDriver, Pub/Sub, Cloud Storage, Cloud SQL)