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## SUMMARY

Versatile cybersecurity professional with a strong foundation in software engineering, specializing in secure software development, cloud security, and application security. Five years of experience in building and securing responsive web applications using JavaScript, React, and TypeScript. Proven track record in delivering high-quality, secure solutions for government, ed-tech, and cybersecurity platforms. Adept at integrating security practices into the software development lifecycle, with a focus on secure coding practices, vulnerability assessment, and risk mitigation.

## SKILLS

**FRONT END DEVELOPMENT:** CSS, HTML, JavaScript, React, Typescript, SASS, Jest, RTL, Webpack

**BACK END DEVELOPMENT:** Express, PostgreSQL, RESTful APIs, AWS, NodeJs, Serverless, Snowflake, GraphQL

**DEV TOOLS:** Github, Postman, Git, Docker, YUP, Husky, Codacy, Launchdarkly, Okta, Bitbucket, CI/CD, Postman, Linux, Docker

**SECURITY:** OWASP, SIEM, Vulnerability Assessment, Risk Mitigation, Threat Modeling, MDR

## EMPLOYMENT

**Deepwatch, Software Engineer, Remote, USA**

Apr. 2022 - July 2024

- Developed and maintained a secure cybersecurity SaaS application using React, TypeScript, GraphQL, and AWS cloud services, implementing CI/CD pipelines and collaborating with security engineers to ensure compliance with NIST and CIS benchmarks.
- Implemented comprehensive security measures including authentication and authorization (Okta), observability (Sentry), and vulnerability scanning (SNYK), while designing and securing APIs using GraphQL/Apollo.
- Established robust testing strategies encompassing unit, integration, and end-to-end tests using Jest, React Testing Library, and Playwright, ensuring application reliability and security.
- Enhanced code quality and security through rigorous code reviews, automated testing, and proactive issue detection using tools like Codacy, while implementing a secure Git workflow with feature branching and access controls via GitHub and Bitbucket.
- Utilized Snowflake for secure data handling and optimized SQL query creation, ensuring data protection and compliance with security standards while maintaining the integrity of the reporting system.

**Dev Technology, Associate Application Developer, Washington, D.C**

June 2021 - Apr. 2022

- Contributed to the development of a secure government Single Page Application (SPA) using React and TypeScript, implementing strict access controls and data validation techniques.
- Supported backend security measures using NodeJS and Serverless architecture, focusing on secure API design and implementation.
- Modernized legacy Java applications to JavaScript, incorporating current security standards and best practices.
- Conducted security-focused usability testing with Jest and Playwright to identify and resolve potential vulnerabilities in user interactions.
- Developed and maintained over 100 secure governmental forms for processing sensitive information, ensuring data integrity and confidentiality.
- Maintained active Public Trust security clearance, demonstrating reliability in handling sensitive information.

**Code Differently, Software Developer, Remote, USA**

Aug. 2020 - June 2021

- Developed and executed a structured, two-phase instructional roadmap incorporating live demos and project-based learning to optimize student engagement and comprehension in coding fundamentals.
- Collaborated with JP Morgan & Chase professionals to teach 20 junior engineers full-stack technologies, preparing them for industry-relevant challenges in software development and security.
- Led a team of 5 instructors in a fast-paced agile environment, conducting daily stand-ups, weekly retrospectives, and code reviews to drive continuous improvement.
- Created performance improvement strategies to enhance both student and instructor development, ensuring alignment with learning objectives and industry standards.
- Integrated real-world coding scenarios into instructional methods, bridging the gap between academic learning and professional software engineering practices for diverse learners.

**GemStack Solutions, Software Developer, Remote, USA**

Jan. 2020 - Aug. 2020

- Assisted with the implementation of project architecture, standards, and processes.
- Implemented secure component creation practices, focusing on input validation and output encoding to prevent XSS attacks.
- Assisted in developing a secure content management system, emphasizing data integrity and access control.
- Designed and deployed secure, browser-compatible SPAs utilizing HTML5, CSS3, and JavaScript (React) with a focus on client-side security measures.

## EDUCATION

**Google Cybersecurity by Google on Coursera**

Certificate earned at November 18, 2024

**Amazon Web Services Cloud Practitioner Certification**

March 2023 - March 2026

**General Assembly, Software Engineering Immersive, Washington, DC**

Certificate of Completion Software Engineering Immersive 2020

**State University of New York College at Buffalo, Buffalo, NY**

M.S. Higher Education & Student Affairs Administration 2018

**State University of New York College at Oswego**

B.A. Mass Communications 2014

## SECURITY CLEARANCE

Security Clearance, Public Trust (Currently Active)

Dec. 2024