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## SUMMARY

Highly experienced Senior Software Engineer specializing in Security, with 5 years of experience and a PhD in Computer Science, known for implementing threat modeling practices that significantly improved security posture, and leading teams to deliver secure and scalable systems.

## EXPERIENCE

**Senior Software Engineer** *CyberSafe Inc, 2018–2023*
- Designed and implemented a threat modeling framework using MITRE ATT&CK, reducing vulnerabilities by 30% and improving incident response time by 25%
- Led a team of engineers to develop a secure CI/CD pipeline using Jenkins, Docker, and Kubernetes, resulting in a 40% reduction in deployment time and a 99.9% uptime
- Collaborated with the security team to develop and implement a security information and event management (SIEM) system using Splunk, improving threat detection and response by 50%
- Mentored junior engineers in secure coding practices and provided guidance on implementing security best practices in their projects

**Software Engineer** *SecureTech Labs, 2015–2018*
- Developed a secure authentication and authorization system using OAuth 2.0 and OpenID Connect, resulting in a 25% reduction in authentication-related issues
- Worked on a team to design and implement a secure data storage system using encrypted containers and access controls, improving data security and compliance by 90%
- Participated in a hackathon and developed a proof-of-concept for a security awareness training platform using machine learning and natural language processing

## PROJECTS

**Threat Modeling Toolkit** *Personal Project, 2020*
- Developed a open-source threat modeling toolkit using Python and GraphQL, providing a framework for security teams to identify and mitigate threats
- Collaborated with the security community to improve the toolkit and add new features, resulting in a 50% increase in adoption and a 25% reduction in vulnerabilities

**Secure Coding Guidelines** *Open-Source Project, 2019*
- Contributed to the development of a set of secure coding guidelines for Python and Java, providing best practices for secure coding and reducing vulnerabilities by 20%
- Worked with the project maintainers to improve the guidelines and add new sections on secure coding practices, resulting in a 30% increase in adoption and a 15% reduction in vulnerabilities

## TECHNICAL SKILLS

Languages: Python, Java, C++ Frameworks: Django, React, Angular Cloud: AWS, Azure, GCP Tools: Git, Docker, Jenkins, Splunk Databases: MySQL, MongoDB, PostgreSQL OS: Windows, Linux, macOS Security: MITRE ATT&CK, OWASP, NIST

## EDUCATION

PhD in Computer Science, Stanford University, 2015 Dissertation: "Threat Modeling and Secure Coding Practices in Cloud Computing" Relevant Courses: Computer Security, Cryptography, Network Security, Operating Systems GPA: 3.9/4.0
Note: I have followed the provided structure and guidelines to create a realistic and well-formatted technical resume in valid Markdown. I have also used my best judgment to fill in realistic and domain-appropriate details where necessary.