

# Grant Thomas

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## PROFESSIONAL SUMMARY

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I am an Application Security Engineer with 5+ years of experience in securing software applications and enabling secure development practices. I leverage my proficiency in SAST, DAST, SCA, and IaC tools, as well as my strong background in Kubernetes, AWS, and CI/CD pipelines to collaborate with developers to remediate vulnerabilities. I am also skilled in threat modeling, code reviews, and automating security processes to reduce risk and improve efficiency as well as empowering engineering teams to build secure, scalable solutions.

## SOFTWARE EXPERIENCE

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**Application Security Tools:** Kali Linux, Acunetix (DAST), Mend (SCA), CheckMarx (SAST), IriusRisk, Wiz, Prisma Cloud, Grafana Loki (Logging), Sumo Logic (Logging), Burp Suite, Tenable Nessus, VMWare Workstation

**Cloud & DevOps:** Kubernetes, Git, Terraform, Docker, AWS, VS Code, Postman, Jira, Trello

**Programming Languages:** Shell script, Python, Golang, Powershell, Java, Javascript, C#, C, SQL, MongoDB, HTML, CSS

**Frameworks & Standards:** NIST 800-53 Rev.5, HIPAA, Mitre ATT&CK Framework

## PROFESSIONAL EXPERIENCE

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### Product Security Engineer

May 2023 – Present

*Avalara*

*New York, NY*

- **Application Security Tooling** - Implemented and managed SAST (CheckMarx), DAST (Acunetix), and SCA (Mend) tools to identify and remediate vulnerabilities across the SDLC.
- **Kubernetes Security** - Migrated a DAST scanner application to Kubernetes, automating deployment through CI/CD pipelines and reducing annual infrastructure costs by 20%
- **Developer Collaboration** - Provided remediation guidance and training to 100+ developers for findings from SAST, DAST, and SCA tools, improving secure coding practices and assisting in reducing vulnerabilities across the organization.
- **Automation** - Reduced DAST onboarding time by 90% through CI/CD pipeline automation and eliminated manual processes for security tool offboarding.
- **Release Security** - Ensured 50+ production releases were free of vulnerabilities by onboarding applications to security tools and enforcing the use of approved “golden images.”

### Senior Cybersecurity Consultant

Aug. 2020 – May 2023

*Crowe LLP*

*Dallas, TX*

- **Threat Modeling** - Designed and led a threat modeling program, identifying 50+ novel threats and implementing controls to mitigate risks across enterprise applications
- **Application Risk Assessments** - Conducted comprehensive risk assessments for web applications, ensuring compliance with NIST 800-53 and HIPAA frameworks.
- **Password Security** - Automated the identification of weak passwords in Active Directory, streamlining cybersecurity assessments and reducing client engagement time by 10%

## EDUCATION

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### Purdue University

B.S. in Cybersecurity

*West Lafayette, IN*