



Shane Keels

Application Security | CISSP

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SECURITY

Checkmarx	Whitesource
BlackDuck	Qualys
Rapid7	Rapid7 InsightVM
InsightAppSec	
Brinqa	Twistlock
BugCrowd	DivvyCloud
SecurityScoreCard	BitSight
Burp Suite	CyCognito

LANGUAGES

Python	Powershell
Fluent	Fluent
Javascript	HTML
Knowledgeable	Fleunt
Java	Groovy
Knowledgeable	Knowledgeable
C\C++	jQuery
Knowledgeable	Knowledgeable
Angular	
Knowledgeable	

CERTIFICATIONS

Certified Information Systems Security Professional, CISSP	May 2020
ISC2	
Maximizing Your Leadership Potential	December 2021
Center for Creative Leadership	

WORK EXPERIENCE

Team Lead | Application Security

Blackbaud (July 2021 - Present)

Actively managing an Application Security team supporting 80+ products with responsibilities over

- WAF (Web Application Firewall)
- SAST (Static Application Security Testing)
- SCA (Software Composition Analysis)
- DAST (Dynamic Application Security Testing)
- ASM (Attack Surface Management)
- RDP (Responsible Disclosure Program)
- Consolidated Product oriented Cyber Risk Analytics

and most importantly, facilitating a positive and beneficial relationship with the development community by building security into our Products

- Assessed application and software security risk of potential acquisitions to ensure Blackbaud is making an informed decision during the Mergers & Acquisition (M&A) due diligence process.

Principal Security Engineer | Application Security

Blackbaud (October 2019 - July 2021)

- Acted as a Security Liaison & BISO to help the business codify product risk and help translate prioritization of security related activities for the Core Services product portfolio.
- Provided "Secure by Design" guidelines, recommendations and detailed documentation to the development community to serve as reference for Secure Software Development
- Led business contextual Threat Modeling sessions to identify security risk.
- Established the Security Champions program to increase developer and security partnerships
- Supported Dynamic Application Security tooling rollout
- Innovated aggregation and orchestration of Application Security tooling into a single consolidated platform
- Chartered and helped advocate and manage Responsible Disclosure Program
- Improved Third Party Risk Management assessments within the external developer ecosystem

Senior Security Engineer | Application Security

Blackbaud (June 2018 - October 2019)

- Implemented Static Application Security tooling (SAST) into Product CI-CD pipelines
- Implemented Software Composition Analysis tooling (SCA) into Product CI-CD pipelines
- Improved the Application Security Go Live Assessment process
- Lead team of consultants to triage SAST, SCA findings to effectively reduce internal stakeholder effort in an effort to deliver meaningful security results within the tool

Senior Security Engineer | Application Security

The Home Depot (January 2017 - July 2018)

- Worked on the Product Security & Discovery team, with alternating roles in Application Security as well as Vulnerability Management.
- Performed Penetration Tests, In-Depth Application Assessments involving Static, Dynamic Analysis, and Manual Code Review
- Scaled an Enterprise level consumable service to house and abstract Static Application Security Testing (SAST), and Dynamic Application Security Testing (DAST) from the end user.
- Advisor on the Architecture Security Assessment board, guiding internal developments, acquisitions, and integrations in a secure and functional way.
- Notable Contributor to the in house company developed Continuous Integration Continuous Deployment (CI-CD) tool, that later was open source; created a security plugin to enable Security to be built into the Software Development Life Cycle

IT Security Intern | Application Security

The Home Depot (May 2016 - August 2016)

- Conducted static and dynamic security scans on our products and internal software to provide a remediation strategy to development teams
- Automated our software composition analysis function to bolster our open source security strategy.
- Developed and studied the efficiency and workflow of the Product Security & Discovery team, created a new platform for a team wide collaboration initiative that better matured the IT Security department as a whole.

EDUCATION

Clemson University
B.S. Computer Information Systems