

# Brandon Spitzer

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## SUMMARY

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Strategic and innovative Senior Security Architect with over 9 years of experience in security architecture, IT governance, and compliance. Demonstrates exceptional expertise in developing scalable security solutions, streamlining compliance processes, and fostering cross-functional collaboration. Proven ability to deliver measurable results, including cost savings, enhanced efficiency, and compliance with industry standards and regulations.

## SKILLS & CERTIFICATIONS

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### Technical Skills

- Security Architecture- AWS, CI/CD, DevOps, Threat Modeling (STRIDE), OWASP
- Compliance and Governance- SOX, ISO 27001, SOC 1 & SOC 2 Type1/Type2, NIST CSF 2.0
- Programming Languages – Typescript/Javascript, SQL, Python, Bash

### Certifications and Trainings:

- CISA - Certified Information System Auditor
- CRISC - Certified in Risk and Information Systems Controls
- AWS SAA - AWS Certified Solutions Architect Associate

## EXPERIENCE

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### Amazon • Buy with Prime • Senior Security Architect

(07/2022) - Present

- Lead Security and Compliance Architect responsible for creating and deploying compliance solutions resulting in Amazon's first-ever non-AWS SOC 2 report.
- Pioneered a Security Efficiency Program, reducing total security spend by 22%, equivalent to 910 SDE weeks saved, by automating security processes and minimizing developer overhead.
  - Developed control vulnerability detections and automated remediations for insecure AWS configurations, addressing risks like unversioned S3 buckets, disabled audit logs, and overly permissive security groups.
  - Created an internal developer tool for performing high-level pentests on code packages and websites.
  - Designed and deployed a CDK library with built-in security and compliance controls, driving adoption across 350 services.
- Authored and operationalized the organizations first-ever IT Disaster Recovery Plan and Business Continuity Plan, including conducting the first-ever regional outage simulation to validate resilience strategies.
- Created an internal beta GenAI-powered application, "Security Guardian", indexed on internal policies and codebases, empowering developers to resolve security issues with tailored guidance and sample code fixes.
- Led development of a Security Operations Metrics program, tracking KPIs for vulnerabilities, cloud security posture, and training effectiveness to enhance organizational visibility and decision-making.
- Delivered training sessions on GenAI security considerations, building awareness for deploying cutting-edge AI solutions securely.

### Better Mortgage • IT Controls Manager

(03/2021) - (07/2022)

- Created and Directed the IT controls programs for SOX, SOC 1, and SOC 2 certifications. Oversaw the organizations first ever SOC1 Type II and SOC2 Type II certifications within first-year of program management that saw no exceptions by auditors

- Developed and executed user access certifications, resulting in the adjustment or removal of over 10,000 access identities.
- Implemented systematic access controls in custom-built applications, improving security standards across internal systems.
- Launched a Control Exceptions Program to proactively manage and mitigate policy deviations.

#### **Capital One • Principal Risk Associate**

**(11/2016) - (03/2021)**

- Managed the end-to-end Technology SOX testing program which included facilitating walkthroughs, developing a testing calendar, enforcing testing methodologies, and overseeing auditors
- Conducted risk assessments for cloud migrations, creating controls such as S3 bucket policy access reviews, Access management, and data integrity checks to mitigate risks.
- Automated the control testing and continuous control monitoring for over 50 key SOX controls leading to over \$500k savings and reduction of 25% control failures.
- Designed and implemented an issue management process for SOX Testing, including root cause and impact analysis frameworks.

#### **Ernst & Young • Risk Advisory Consultant**

**(07/2015) - (11/2016)**

- Lead the execution of IT Risk assessments, audits, and projects focused on information security domains which included:
  - Scoping decisions around key Information Systems during planning phase
  - Communication of Issues with root cause analysis and impact analysis reports
  - Preparing Audit reports and presenting to leadership
- Developed a SOX (Sarbanes-Oxley) IT compliance testing program for a Fortune 500 Company
  - Including providing training to current internal audit team on testing methodologies
- Responsible as both a tester and a reviewer of IT Controls which included Logical access at the network, database, and application layer, Change Management Controls, and Operational Controls such as data center access and back up controls

#### **EDUCATION AND CERTIFICATIONS**

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*James Madison University , Harrisonburg, VA • BBA of Finance*

*Graduation Year (2015)*