Kyle McColgan

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SUMMARY

Security-focused technology professional born and raised in Saint Louis, with a proven track record in developing resillisent, full-stack applications and securing enterprise environments. Experienced in Agile and DevOps cultures, with strengths in Java, Spring Boot, React, and Linux systems. Adept at solving complex problems, supporting mission-critical infrastructure, and contributing to secure, scalable solutions. Lifelong learner passionate about advancing cybersecurity practices and uplifting both local and global tech communities through an abundance of knowledge sharing and dynamic collaboration.

LANGUAGES | FRAMEWORKS | TOOLS

Java, JavaScript | React, Spring Boot, Hibernate ORM | MS SQL Server, Bash Scripting, Linux Server Admin

EXPERIENCE

ShowMOEvents — Community Engagement Platform

January 2024 - August 2024

- Collaboratively developed a Java Spring Boot and React web platform to centralize community events using the Ticketmaster API to facilitate local event discovery.
- Designed a secure, user-friendly full-stack post system to support real-time content creation and event discovery while ensuring robust data integrity and security through backend validation.
- Full Tech Stack**:** Java, Spring Boot, React, MySQL, REST APIs.

IT System Engineer — Primary Systems

May 2023 - September 2023

- Monitored and maintained over 50 Windows servers across Midwest healthcare client sites, minimizing risk of downtime through proactive monitoring and alert systems.
- Administered Rauland nurse call systems to ensure 24/7 clinical communication availability.
- Developed an automated backup solution using PowerShell and Bash, leveraging Samba servers for secure LAN-based nightly data transfers and archival of critical business knowledge.
- Efficiently packaged and deployed critical clinical communication infrastructure alongside senior engineers, while adhering to system integrity and reliability standards for our healthcare clients.

Full Stack DevOps Security Software Engineer II — Walmart Inc.

May 2021 - October 2022

- Maintained and enhanced global IAM systems, supporting secure access for millions of internal users and systems in a high-scale Agile DevOps environment.
- Led over 100 production deployments through standard change control processes, securing leadership approval and resulting in safe and efficient rollouts across a global retail infrastructure.
- Deployed system components to hundreds of international stores, aligning with security policies and business continuity requirements, resulting in an elevated business security posture.
- Built a full-stack text-based search feature using C# and JavaScript for a bespoke security system.

EDUCATION

LaunchCode – Java Full Stack Web Development Program, *September 2024*.

SANS Institute – GIAC GSEC Certification: Cloud, Endpoint, and Network Security, *February 2023*.

Webster University – B.S. in Computer Science (*Cybersecurity Emphasis*), *December 2020*.