Mark Young – Resume

Nashville, TN   myoung34@my.apsu.edu
https://markyoung.us

Work Experience

Fastly, Remote - Senior Security Engineer   *7/2024 to current*

- Led revival and maturation of the Detection Engineering program: documented and initiated Detection-as-Code migration and SOAR implementation and rebuilt key xfn partnerships to align detection with org risk

Reddit, Remote – Senior Security Engineer   *2/2022 to 7/2024*

- Developed Go client and Terraform provider for alerting platform visibility

- Designed and revamped logging solution to scale sensitive data for SIEM integration

- Overhauled server access story for full automation and real-time access requests

Zapier, Remote – Senior Cloud Security Engineer   *9/2018 to 1/2022*

- Implemented cloud account rules engines using Cloud-Custodian for SOC2 Compliance

- Managed Kubernetes cluster rules with Gatekeeper and custom reporting tools

- Orchestrated AWS account migration to AWS Organizations with SSO and automation

- Led planning and execution of a manual legacy VPN to a fully automated SSO solution

Built Technologies, Nashville TN – Senior DevOps Engineer   *1/2018 to 08/2018*

- Automated infrastructure with Ansible and CloudFormation

- Established Build/Deploy/Test pipelines using Git webhooks and CI/CD servers

- Developed security best practices including centralized logging and VPN with MFA

Lincor, Nashville TN / Cork Ireland – Docker SME   *10/2017 to 12/2018*

- Transitioned legacy systems to containers and enhanced CI/CD practices

Stratasan, Nashville – Web Operations Engineer   *02/2015 to 12/2017*

- Optimized AWS infrastructure for high availability, security, and HIPAA compliance

- Standardized CI/CD pipelines using Jenkins and containerized applications

- Implemented automated AMI creation, testing, and log standardization

Aloompa, Nashville – Sr. Application Developer *05/2014 to 02/2015*

- Built scalable infrastructure on AWS using Terraform and Jenkins

- Improved and designed backend services with caching layers and optimized REST APIs

ICA Informatics, Nashville – Sr. Application Developer *03/2011 to 04/2014*

- Developed RESTful endpoints and common libraries for multiple applications

- Implemented continuous deployment systems using Puppet and TeamCity

ICA Informatics, Nashville – Integration Developer *01/2010 to 03/2011*

- Managed processing databases and developed data processing algorithms

- Developed HL7 message ETL parsers using ORM storage model in an Agile environment

Education

- Tennessee Technological University – Major, Computer Engineering

- Austin Peay State University – BS, Computer Science and Mathematics

Certifications

- APP- Apple Product Professional (9L0-061 – Exp 9/2009)

- ACMT- Apple Certified Macintosh Technician (9L0-007 – Exp 1/2010)

Organizations

- SaltStack Formulas – Community Contributor/Quality Tester

- RedHat oVirt – Currently in incubation stage

- Black Girls Code – Advisory Committee member

Presentations

- DevOps Days Chattanooga – November 2018 – Slack Is Not Your Bash Prompt

- PyTN – March 2020 – Hacking Homebrew

- KubeCon 2021 – December 2021 – Operating Cloud Custodian with Actionable Alerts at Zapier

Publications

- **Author:** Implementing Cloud Design Patterns for AWS (ISBN 9781782177340)

- **Reviewer:**

    - Red Hat Enterprise Linux Server Cookbook (ISBN 1784392014)
    - Getting Started with Red Hat Enterprise Virtualization (ISBN 1782167404)
    - Hybrid Cloud Management with Red Hat CloudForms (ISBN 1785283574)
    - Learning Puppet Security (ISBN 1784397753)