

# Marcus Young - Resume

Nashville, TN

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<https://marcyoung.us>

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## Work Experience

**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

- Integrated security scanning into CI/CD pipelines with Jenkins and Clair

**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

#### **Previous Roles:**

- **Austin Peay State Univ., Clarksville** – Information Technology (06/2009 to 12/2010)
- **Tennessee Tech University, Cookeville** – Software Engineer (04/2009 to 06/2009)
- **MacAuthority, Nashville** – Apple Technician (06/2007 to 06/2008)

## **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)