

Steven Howard

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GitHub - github.com/sp-howard ♦ Portfolio - stevenhoward.net ♦ LinkedIn - [linkedin.com/in/sp-howard](https://www.linkedin.com/in/sp-howard)

SUMMARY

Cloud Engineer with 7 years of experience in network and server administration, Microsoft 365, scripting, and technical documentation. Passionate about automating IT infrastructure and processes. Proven track record of supporting end-users, enhancing network security, and ensuring network and application availability.

PROJECTS

Cloud Resume Challenge

<https://stevenhoward.net/blogs/cloud-resume-challenge>

Static portfolio website hosted on AWS S3, with serverless components including API Gateway, Lambda, and DynamoDB. Utilizes Route53, Amazon Certificate Manager, and CloudFront. Infrastructure was converted to IaC using Terraform and implemented via CI/CD pipeline using GitHub Actions with Cypress end-to-end testing.

CERTIFICATIONS

- **AWS** Solutions Architect Associate, Cloud Practitioner
- **Cisco** Certified Network Associate (CCNA)
- **HashiCorp** Terraform Associate
- **CompTIA** A+, Network+, Security+, Project+

EXPERIENCE

Network Administrator II

Family HealthCare Network

June 2021 – Present

Visalia, CA

- Network Deployment and Automation – Configured and installed Cisco switches and routers, replacing end-of-life equipment and standing up new worksites. Created Python script to automate the generation of switch configurations.
- Microsoft 365 – Instrumental in migration to Exchange Online. Designed, built, and maintained organization's Intranet and business intelligence dashboard in SharePoint. Responsible for initial testing, licensing, deployment, and continued support for all Microsoft 365 applications.
- Software Deployment – Revolutionized application deployment by fully utilizing PDQ to its full potential, completely automating previously manual overnight application updates.

Network Administrator

Valley Republic Bank

May 2019 – May 2021

Bakersfield, CA

- Network Administration – Developed and implemented secure baseline for network switches. Deployed Cisco Catalyst 9200 switches. Created and maintained complete network diagram and supporting documentation.
- Security Hardening – Utilized WSUS and PowerShell scripts to remediate server and workstation vulnerabilities identified by Rapid7's InsightVM. Automated patching of third-party applications. Enhanced the organization's security posture to excel in federal audits, including internal and external network vulnerability assessments.
- Technical Documentation – Designed and built team knowledge base in Confluence and contributed 50+ articles.

Technology Consultant

Managed Service Providers (BG Origin Group / DiamondIT)

January 2017 – April 2019

Hanford, CA / Bakersfield, CA

- Network Architect – Built networks ranging from SOHO to Enterprise-grade. Fully implemented networks from initial pitch to implementation. Configured switches, router, firewalls, and ran in-wall Ethernet cables.
- End-User Support – In-field and remote support for medium sized business and small city governments with an exceptional average customer survey score of 10/10.
- Disaster Recovery – First responder to crypto-ransomware cases. Restored backups, determined attack vector, and remediated vulnerabilities.