DeAnn Hickey

San Diego, CA
585-678-6659
2freefly35@gmail.com

SKILLS

BASH/Python

HTML5 / CSS3

Javascript / SQL

Cisco / Linux / MacOS

CERTIFICATIONS - CURRENT

**AWS Solutions
Architect Associate**

CERTIFICATIONS - PAST

REDHAT Certified
Engineer

Cisco Certified Network
Professional

CompTIA Security +

EDUCATION

A.A.S.
ITT Technical Institute

**San Diego Community
College** — *Currently
Attending*

Front-End Web
Development

Mobile App Development
Advanced Python for Data
Science

Over 20 years in the industry, smart, very enthusiastic about the cloud, team player, and very resourceful. I practice critical thinking, which means I deliver meticulous solutions.

Freelance — *ITConsultant / Cloud Architect*

2018 - Current

★ Static website development on Amazon Web Services (AWS) S3, utilizing CloudFront and Route53
★ Develop dynamic web content on AWS utilizing DynamoDB, API Gateway, LambdaEdge, Python, and Javascript
★ Deploy applications utilizing AWS container services, compute services, auto-scaling and load balancing
★ Write Infrastructure as Code via AWS Serverless Application Model and CloudFormation (VPC, EC2, etc.)
★ Create CI/CD pipelines via AWS CodeCommit and CopePipeline
★ Help develop modern web pages for small businesses
★ Provide MacOS diagnostics and forensics
★ Provide general consultation on various topics such as networking, security in-depth, client/server administration, etc.

Falconwood, Inc. — *Cybersecurity Engineer*

2013 - 2017

★ Execute security testing on legions of US Navy enterprise applications and architectures in a model lab environment, utilizing Retina, Nessus/Tenable, Wireshark, NMAP, etc.
★ Maintain and administer the Tenable Security Center suite (Linux OS) used by all Engineering departments
★ Support Certification & Accreditation (C&A) Architecture and Engineering initiatives as assigned
★ Develop security mitigations and countermeasures to intrinsic system and product vulnerabilities
★ Collaborate with other engineering disciplines to ensure proper security safeguards and features are integrated into enterprise system and solution designs

Jacobs Technology, Inc. — *Network Engineer*

2003 - 2012

★ Lead Engineer for technologies such as Network IDS/IPS, SEIM and NAC, for the Navy Marine Corps Intranet (NMCI)
★ Developed comprehensive scripts to harden various Linux/Sun Solaris operating systems, complete with a thorough rollback process
★ Troubleshoots OS and network abnormalities
★ Configures, hardens, and maintains Cisco devices
★ Utilizes current security software tools for vulnerability assessment, scanning and packet capture/analysis
★ Creates and maintains security policy and engineering documents for all devices
★ Engineers scores of new solutions to support ongoing security posture of enterprise
★ Works specifically with Securify SecureVantage, an appliance based Network IDS to create, refine, and maintain over twenty policies based on specific network topology and current security posture
★ Provide informal training to personnel, while performing required job duties