

DeAnn Hickey

San Diego, CA
585-678-6659
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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