| **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**  **Data Management with Python - Certificate** **CERTIFICATIONS - PAST** REDHAT Certified Engineer  Cisco Certified Network Professional  CompTIA Security + **EDUCATION***A.A.S.* ITT Technical Institute San Diego Community College Python I, II, III, IV  Front-End Web Development  Mobile App Development | 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 (see [resume.dhickey.link](http://resume.dhickey.link)) * Deploy applications utilizing AWS container services, compute services, auto-scaling and load balancing * Write Infrastructure as Code via AWS CloudFormation (VPC, EC2, etc.) * Create CI/CD pipelines via GIT, 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, system 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. * Lead engineer for administration, maintenance, and training of 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 designsJacobs 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 * Create, refine, and maintain over twenty network IDS policies based on specific network topology and current security posture * Provide informal training to personnel, while performing required job duties |
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