# DAN WADLEIGH
## AWS CLOUD ENGINEER (DEVOPS)

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## PROFESSIONAL EXPERIENCE

### AWS CLOUD ENGINEER                                                                 Oct 2022 – Jan 2024
YellowBird Holdings Inc., Phoenix, AZ

- Designed and implemented scalable multi-account AWS cloud infrastructure resulting in increased service development.
- Lead and participated in migration of database and applications from Heroku to AWS (Postgres RDS and Docker containers).
- Implemented container orchestration with ECS Fargate to improve deployment and scalability of application.
- Designed a fully automated CI/CD pipeline leveraging Blue-Green deployment method with GitHub Actions, ECR, ECS Fargate and CodeDeploy, reducing deployment time and increasing deployment frequency.
- Developed and maintained monitoring and alerting systems, reducing mean time to resolution and improving system reliability.
- Collaborated with development team to identify and resolve system issues, resulting in reduced downtime.
- Improved application security with deployment of CloudFlare and AWS Web Application Firewalls.
- Managed project to migrate corporate website to WordPress enabling faster content delivery and ease of use for marketing team.
- Created and maintained system documentation, enabling faster onboarding and improving overall system support.

### AWS CLOUD ENGINEER                                                                 Dec 2019 – Oct 2022
Kryterion, Inc., Phoenix, AZ

- Served for one year as the interim hands-on working and acting manager for the IT Operations team (Sysadmins, DevOps, DBA).
- Maintained highly available environments and helped design and build existing infrastructure within the AWS cloud platform.
- Amazon Web Services Solutions Architect on a team responsible for implementation of migration from data center to cloud.
- Work with DevOps team to support consistent deployment of code during development cycle via Ansible and Git/GitLab.
- Ensured availability of existing infrastructure including Network (VPC, Subnet, NACL, SG, Route 53), Compute (EC2, EBS, ELB/ALB, Lambda), Storage (S3, Glacier, EFS), Security (IAM) and Management (CloudWatch, CloudTrail, Config, Systems Manager) and in support of Database (RDS, ElastiCache/Redis).
- Developed custom scripts in Bash/Python for monitoring web applications.
- Collaborated on implementation of Infrastructure-as-Code project with Terraform for sandbox, staging & dev environments.
- Developed and modified Ansible playbooks to manage systems configuration.
- Created an onboarding training program for Sysadmins accelerating productivity.

### LINUX SYSTEM ADMINISTRATOR                                                         Feb 2018 – Nov 2019
Kryterion, Inc., Phoenix, AZ

- Administrator on a team responsible for supporting production SaaS web applications.
- Work in support of the Development team to provide stable, dependable applications/systems across a Linux environment.
- Provided 24x7 on call support for distributed web applications.
- Built and migrated multiple production servers with all services to EC2.
- Built and configured Paessler/PRTG monitoring solution for infrastructure with connection to Grafana for NOC-like dashboards.
- Wrote python script to monitor and report Google Analytics against Realtime API
- Wrote bash scripts to automate monitoring (Postfix, RabbitMQ, NGiNX, JVM)

### LINUX SYSTEM ADMINISTRATOR – TECH 3                                                Sep 2014 – Feb 2018
Nordstrom, Denver, CO

- Administrator responsible for on call 24x7 support in a data center operations team that supports the enterprise.
- Built working relationships with multiple infrastructure and application development teams to increase system availability
- Work closely with engineering and project teams to deploy new solutions and technologies
- Employ knowledge of OS-level to troubleshoot issues and perform break-fix for Red Hat Linux/Oracle Solaris Unix system

## PROJECT

**AWS Cloud Resume Challenge:** https://codecharacter.dev/semper-gumby-a-marines-journey-in-the-cloud/

## EDUCATION

**Courses towards Computer Science/IS (90cr)**, Univ. of Vermont (91-93), Univ. of Maine (93-95;99-00), Husson College (00-01)
**United States Marine Corps**, Infantry - Meritorious promotions to Corporal and Sergeant, Navy Achievement Medal(x2) (95-99)

## CERTIFICATIONS & AWARDS

**AWS Solutions Architect Associate | HashiCorp Terraform Associate | Kubernetes & Cloud Native Associate**

## TECHNICAL EXPERIENCE

Amazon Web Services | Linux | Scripting - Bash/Python | GitHub Actions | Terraform | CI/CD Support