**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.
* Recommended POC for provisioning AWS cloud Infrastructure-as-Code with Terraform.
* 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).
* Collaborated on implementation of Infrastructure-as-Code project with Terraform for client testing environment.
* 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 supported 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/>

Full-stack serverless app with Terraform, GitHub Actions, Lambda, DynamoDB, Cypress testing, CloudWatch. (GitHub repos public)

**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