# TORREY MUNROE

DevOps Engineer | Cloud Infrastructure | CI/CD Specialist

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## PROFESSIONAL SUMMARY

DevOps Engineer with 6+ years of hands-on experience designing, automating, and optimizing AWS cloud infrastructure. Proven track record of reducing cloud costs by 20%, streamlining CI/CD pipelines across multiple toolchains (GitHub Actions, GitLab CI, Bitbucket Pipelines), and containerizing workloads for scalable deployment on ECS/Fargate. Adept at building observability solutions with Grafana, Prometheus, and CloudWatch to drive reliability and fast incident resolution.

| ~20% | 6+ | 3 |
|:---:|:---:|:---:|
| AWS Cost Reduction | Years in DevOps/Cloud | AWS Certifications |

## TECHNICAL SKILLS

| | |
|---|---|
| **Cloud & Infrastructure** | AWS, EC2, S3, IAM, VPC, RDS, Lambda, CloudFront, CloudWatch |
| **Containers & Orchestration** | Docker, Kubernetes, Amazon ECS/ECR, Fargate |
| **IaC & Config Mgmt** | Terraform, AWS CloudFormation, Ansible |
| **CI/CD & Version Control** | GitHub Actions, GitLab CI/CD, Bitbucket Pipelines, Git |
| **Monitoring & Observability** | Grafana, Prometheus, CloudWatch |
| **Languages & Systems** | Python, JavaScript, Linux, Windows |
| **Security & Operations** | VPC Design, Security Groups, Load Balancers, IAM Least-Privilege, Incident Response, Cost Optimization |

## PROFESSIONAL EXPERIENCE

**DevOps Engineer** Oct 2023 - Present
*Titin KM Biomedical Corporation | Coral Springs, FL*

- Architect and manage AWS infrastructure (VPCs, networking, IAM, application stacks) through CloudFormation, standardizing provisioning across dev, staging, and production environments.
- Engineered Lambda-based automation for internal and client-facing workflows, eliminating manual intervention and improving operational reliability.
- Built and maintained CloudWatch and Grafana dashboards with real-time alerting, giving engineering and product teams visibility into latency, error rates, and cost trends.
- Partnered with finance and product stakeholders to analyze usage patterns and rightsize resources, achieving a ~20% reduction in monthly AWS spend without impacting performance.
- Automated runbooks and deployment pipelines in collaboration with development teams, reducing deployment-related incidents and cutting operational toil.

**DevOps / Cloud Engineer** Jan 2020 - Oct 2023
*PAUL Tech AG | Remote*

- Built and maintained CI/CD pipelines using GitLab CI/CD and Bitbucket Pipelines to support 10+ microservices and containerized workloads on AWS.
- Provisioned and managed cloud infrastructure with Terraform and CloudFormation, enabling reproducible environments and eliminating configuration drift.
- Containerized applications with Docker and deployed to Amazon ECS/Fargate, improving scalability and cutting release cycle times.
- Developed monitoring and alerting systems using CloudWatch, Grafana, and Prometheus, enabling faster mean time to detection and resolution for critical services.
- Collaborated with software engineers to optimize build times, test execution, and deployment strategies across staging and production environments.

**Backend Developer / DevOps Engineer**Jan 2019 - Jan 2020
*24Data Ltd*  |  *Tampa, FL*

- Developed backend services while driving DevOps initiatives for deployment automation, monitoring, and environment management.
- Designed and implemented CI/CD pipelines for API and data-processing services, increasing deployment frequency and system stability.
- Led containerization of legacy workloads, migrating services to Docker-based workflows for improved portability and consistency.
- Partnered with product and engineering teams to troubleshoot production issues, improving system reliability and uptime.

**Cloud & Web Developer**Jan 2017 - Jan 2020
*Luminous Hilt, LLC (Contract)*  |  *Tampa, FL*

- Delivered cloud-hosted web applications for small business clients on AWS, handling architecture, implementation, and deployment end-to-end.
- Configured hosting environments, DNS, and SSL certificates, ensuring secure and reliable access to client applications.
- Established CI/CD pipelines and monitoring systems for client projects, streamlining updates and minimizing downtime.

## CERTIFICATIONS

**AWS Certified Solutions Architect - Associate**  |  Amazon Web Services
**AWS Certified Cloud Practitioner**  |  Amazon Web Services
**Cloud Engineering Certificate**  |  Florida Atlantic University (QuickStart Learning)2021

## EDUCATION

**Cloud Engineering Certificate**2021
*Florida Atlantic University (QuickStart Learning)*  |  *Coral Springs, FL*

**Computer Science Coursework**2015 - 2017
*University of South Florida*  |  *Tampa, FL*

**Computer Software Engineering Coursework**2013 - 2015
*Hillsborough Community College*  |  *Tampa, FL*