

DURRELL GEMUH ABWOENGMO

GCP & AWS DevOps | Site Reliability Engineer

durrell.gemuh.a@gmail.com | www.linkedin.com/in/durrello/ | www.durrellgemuh.com

PROFESSIONAL SUMMARY

DevOps Educator and Community Builder with a passion for enabling career growth through practical training, mentorship, and open collaboration. Founder and current lead of DevOps Playground – a tech education initiative focused on upskilling aspiring DevOps, Cloud, and Linux Engineers. Experienced in technical instruction, curriculum development, community management, and leading diverse global teams of volunteers.

SKILLS

- **DevOps & Cloud Technologies:** Jenkins, GitHub Actions, ArgoCD, Ansible, Docker, Kubernetes, Terraform, Vagrant, Helm, Git, GitHub, GitLab, AWS (EC2, S3, IAM, VPC), Google Cloud Platform (GCP)
- **Infrastructure as Code & CI/CD:** Terraform, Ansible, GitOps, Jenkins Pipelines, GitHub Actions
- **Monitoring & Logging:** Prometheus, Grafana, ELK Stack, BetterStack
- **Operating Systems & Scripting:** Linux (Ubuntu, CentOS), Windows Server, Bash, YAML, basic Python
- **Leadership & Instruction:** Curriculum Design, Live Masterclasses, Technical Mentorship, Internship Management, Team & Volunteer Coordination, Community Building (Discord, Telegram)
- **Project & Platform Management:** E-learning Platform Strategy, Documentation & SOPs, Event Hosting (Webinars, Demos), Social Media & Brand Management
- **Tools & Collaboration Platforms:** Visual Studio Code, AnyDesk, Zoom, Discord, Google Workspace, Notion, Canva, GitHub Projects, Asana, Trello, Jira

EXPERIENCE

Founder & Lead Instructor

October 2024 – Present

- Founded and currently lead DevOps engineer at DevOps Playground, an innovative tech education and community-building initiative focused on upskilling aspiring DevOps Engineers, Cloud Engineers, and Linux Administrators through real-world training, mentorship, and career support.
- Developed and currently expanding a full DevOps curriculum covering Linux, Git, GitHub, GitOps, CI/CD, IaC, Containers, Kubernetes, Cloud (AWS/GCP), and Monitoring.
- Lead weekly live masterclasses with practical hands-on labs using Jenkins, GitHub Actions, ArgoCD, Ansible, and more.
- Created a simulated internship program allowing learners to work on real-world projects and receive structured feedback.
- Manage a global team of volunteers in content, design, social media, branding, and operations to scale the initiative.
- Built and actively grow an online community across Discord, Telegram, and LinkedIn to foster peer learning and support.
- Currently developing formal academy structure including documentation, e-learning, swags, internship pipelines, digital certificates, and career support services.

Senior DevOps Engineer (Freelance)

BlueWindow Ltd | Msida, Malta

May 2023 – April 2025

- ❖ Lead DevOps Engineer: Managed the DevOps team, developing and implementing solutions that boosted productivity and efficiency.
- ❖ Cloud Migration Expertise: Led migrations of over 3000+ websites AWS and GCP, resulting in a 70% reduction in infrastructure costs and a 95% improvement in scalability and reliability.
- ❖ CI/CD Pipeline Optimization: Spearheaded the development and optimization of CI/CD pipelines, reducing deployment times by 95% and ensuring faster time-to-market for new features and updates.
- ❖ Scalable Architecture: Designed and implemented scalable cloud architectures that facilitated the seamless scaling of web applications based on traffic demands, improving performance during peak usage.
- ❖ Continuous Monitoring with Cloudflare integrations: Engineered comprehensive monitoring solutions integrated with Cloudflare's analytics and security features to proactively detect and resolve issues before they impact users. This resulted in a 25% reduction in incidents and optimized overall system reliability, leveraging Cloudflare's real-time analytics and security insights to continuously improve performance and security posture.
- ❖ Cost Efficiency: Created cost optimization strategies in cloud environments, resulting in a 30% reduction in operational expenses while maintaining high availability and performance.

DevOps Engineer | Freelance

LILLUP | San Francisco

February 2024 – November 2024

- ❖ Led a cross-functional team of developers, testers, and infrastructure engineers as the project coordinator, driving successful completion of critical DevOps initiatives. Defined project scope, set milestones, and ensured adherence to deadlines while managing team communication and task delegation.
- ❖ Managed AWS IAM users, roles, and policies, enforcing security best practices for role-based access control, and ensuring compliance with company security protocols.
- ❖ Deployed and managed the company's website using Cloudflare's serverless architecture, significantly improving scalability, security, and operational costs. Integrated Cloudflare's security features, including DDoS protection, SSL/TLS encryption, and WAF (Web Application Firewall), reducing security incidents by 40%.
- ❖ Executed daily DevOps tasks, including building and managing CI/CD pipelines using Jenkins and Terraform, which ensured efficient deployment processes and infrastructure-as-code management, improving deployment reliability and speed.
- ❖ Deployed Android applications on AppCenter for testing, streamlining the mobile app development lifecycle and enabling quicker feedback from testing teams.
- ❖ Developed strategic documentation and DevOps playbooks, ensuring that the team adhered to best practices and consistent workflows across projects.

AWS DevOps Engineer

Data Service Group Inc | Bear, Delaware

November 2021 – June 2023

- ❖ Revamped build and deployment process with Jenkins and Maven, eliminating 85% of manual work.
- ❖ Collaborated with the leadership team to enhance network infrastructure resulting in uptime of 99.9%.
- ❖ Reviews all AWS accounts and environments to avoid additional costs, decreased 63% of quarterly bills.
- ❖ Executed a CI/CD pipeline with Jenkins for deploying application updates across 5 environments within ~10 minutes.
- ❖ Automated the deployment of 90+ cloud servers using Docker, Kubernetes, and AWS with the help of terraform.
- ❖ Developed an internal tool that lets 170+ developers deploy their own VMs within 60 seconds rather than 16+ minutes.

Site Reliability Engineer

Data Service Group Inc | Bear, Delaware

October 2019 – November 2021

- ❖ Executed a health check system for Kubernetes clusters that reduced mean time to repair from 15 days to 11 hours.
- ❖ Engineered a tool to automate the creation of Kubernetes clusters using Terraform reducing creation time from 2 hrs. to 20 minutes and integrated it into the company's CI/CD pipeline.
- ❖ Created a dashboard in Grafana to monitor cluster health, resource utilization and performance metrics software engineers use to troubleshoot problems with their infrastructure.
- ❖ Documented procedures to deploy Kubernetes clusters via Helm charts and best practices for deploying applications onto Kubernetes, which 20+ SREs use in other companies.

KEY INITIATIVES & COMMUNITY

- **DevOps Playground Academy:** Creating a formal online DevOps learning hub with structured curriculum, digital certificates, and a volunteer-powered operations model.
- **Community Engagement:** Host webinars, Q&As, and demo sessions with active learner participation.
- **Branding & Media:** Led design of swags, logos, document templates, and consistent branding across all platforms.

CERTIFICATIONS

- AWS Cloud Practitioner
- Award Certificate, 3rd Edition STEM PRIZE 2019 Competition
- AWS RE/START

EDUCATION

Bachelors in Computer Engineering | University of Buea