

Hilary L. Muludiang

STAFF DEVOPS ENGINEER | SYSTEMS ARCHITECT

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PROFESSIONAL SUMMARY

Staff-level DevOps engineer and systems architect with a career spanning cloud infrastructure, platform modernization, systems administration, automation, and technical leadership. Experience includes AWS, Kubernetes, Terraform, CI/CD, observability, security remediation, cost governance, and mentoring engineering teams.

CORE EXPERTISE

Cloud and platforms	AWS, Amazon EKS, Kubernetes, Terraform, VMware, Linux	Automation and delivery	GitLab CI/CD, Jenkins, Puppet, Chef, Rundeck, Docker, Python
Observability	Grafana, TICK Stack, Splunk, Dynatrace, Nagios	Leadership and practice	Roadmapping, cloud-cost review, security remediation, mentoring

PROFESSIONAL EXPERIENCE

Staff DevOps Engineer

2021 - Present

Koalafi, Inc. | Richmond, VA

- Lead greenfield infrastructure initiatives and proofs of concept as a primary individual contributor.
- Deploy, maintain, and upgrade AWS infrastructure with Terraform and infrastructure-as-code practices that improve repeatability and reduce configuration drift.
- Partner with engineering teams on migration from .NET services on Windows to .NET microservices hosted in Amazon EKS.
- Operate TICK and Grafana observability stacks for Kubernetes-hosted microservices.
- Run technical knowledge-sharing and AWS cost-review meetings; contribute to project roadmapping with DevOps leadership.
- Address findings from third-party security assessments and mentor junior DevOps engineers.

Senior DevOps Engineer

2017 - 2021

AWeber, Inc. | Chalfont, PA

- Provided operations support for services owned by the Integrations team and wrote Python services within the existing codebase.
- Led application containerization and migration to internally hosted Kubernetes infrastructure.
- Automated CI/CD workflows with GitLab while migrating legacy deployment functions into the platform.
- Created and maintained Chef cookbooks, Puppet manifests, Nagios alerts, and Grafana dashboards.
- Managed virtual environments and F5 configurations while evaluating new tools for development teams.

DevOps Engineering Consultant

2017 - 2018

Addteq, Inc. | Princeton, NJ

- Served as technical lead for client automation initiatives and new environment architecture.
- Deployed Atlassian products, implemented CI/CD pipelines, and used JMeter for load testing.
- Deployed Puppet for internal systems management and provided technical support to clients.

PROFESSIONAL EXPERIENCE CONTINUED

System Consultant

2011 - 2016

Versatile Technical Services, Inc. | Harrisburg, PA

- Delivered professional services and technical assistance across client infrastructure projects.
- Supported multiple Comcast developer groups as a DevOps lead, using Puppet for system state and Rundeck for deployments and operational tasks.
- Integrated Jenkins with Rundeck to automate non-production deployments triggered by completed snapshot builds.
- Used Splunk and Dynatrace to diagnose issues across hundreds of servers and created reports and alerts for engineering and product-support teams.
- Built an early ChatOps proof of concept that triggered Rundeck deployments through Slack.

Senior Support Specialist / Systems Administrator

1999 - 2011

Saint Joseph's University | Philadelphia, PA

- Provided Tier III support and systems administration across Windows, Linux, and Macintosh environments.
- Managed VMware ESX and ESXi infrastructure, virtual lab environments, server virtualization, and physical-to-virtual migrations.
- Administered SharePoint, MS Project Server, LANDesk, Remedy, Linux services, Active Directory, SQL Server, and IIS.
- Managed approximately 30 student employees as Technical Services Manager and supported university labs and classrooms.

Earlier Systems and Network Experience

1993 - 1998

Saint Joseph's University and Berkeley Education and Training Center | Philadelphia, PA

- Supported academic computing, networks, hardware, software, purchasing, upgrades, and faculty and staff technology needs.
- Advanced through junior, senior, and resident network consulting responsibilities before moving into systems coordination.

EDUCATION

M.S., Business Intelligence

Saint Joseph's University | 2008

B.S., Management and Information Systems

Saint Joseph's University | 1996

COMMUNITY AND ADDITIONAL EXPERIENCE

Philly DevOpsDays conference organizer | Philly Python User Group project-night host | Former adjunct instructor at Springfield College | Former volunteer IT manager for Prometheus Radio Project

CERTIFICATIONS AND AFFILIATION

Oracle Linux Certified | Dell PowerEdge and Blade Server Certified | Splunk Certified | Alpha Iota Delta honor society