

# DIOGO CAMPOS PALHARES

DevOps Engineer | AWS | Terraform | Kubernetes

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## PROFESSIONAL SUMMARY

DevOps Engineer with hands-on experience designing, automating, and operating cloud infrastructure on **AWS**. Strong background in Infrastructure as Code with Terraform, container orchestration with Kubernetes (EKS), and CI/CD pipeline design. Proven track record of reducing deployment time, improving system observability, and increasing reliability through automation and cloud-native best practices. **AWS Certified Cloud Practitioner**, with a focus on deepening expertise across the AWS ecosystem.

## PROFESSIONAL EXPERIENCE

### DevOps Engineer — CI&T

March 2025 – Present | Belo Horizonte, MG, Brazil

- Designed and maintained CI/CD pipelines using **Azure DevOps Pipelines** and **Terraform** to provision **AWS** infrastructure, reducing deployment time by ~47% and eliminating manual steps across multiple environments.
- Built and operated a Kubernetes-based observability platform on **AWS EKS** (Grafana, Prometheus, Loki, Kafka, Alloy, Fluent Bit), improving incident detection time and increasing monitoring coverage across critical systems.
- Led the migration of the observability stack **across AWS regions**, rebuilding the EKS cluster and reducing downtime during failover scenarios while improving system resilience.
- Implemented **AWS WAF** from scratch, defining custom rules to enhance application security and mitigate common web threats (OWASP Top 10).
- Developed Docker-based solutions, including sidecar containers with Python scripts for automation, log processing, and custom metric collection.
- Improved system reliability and reduced manual intervention through automation and adoption of DevOps and cloud-native best practices on AWS.

## EDUCATION

### Pontifícia Universidade Católica de Minas Gerais (PUC Minas)

Bachelor's Degree in Information Systems | February 2023 – December 2026

### Centro Federal de Educação Tecnológica de Minas Gerais (CEFET-MG)

Integrated High School with a Technical Degree in Electrical Engineering | February 2019 – December 2022

## SKILLS & TOOLS

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|----------------------------------------|-----------------------------------------------------------------------|
| <b>Cloud &amp; Infrastructure:</b>     | AWS (EKS, WAF, multi-region), Terraform, Infrastructure as Code (IaC) |
| <b>Containers &amp; Orchestration:</b> | Kubernetes, Docker, Helm, sidecar patterns                            |
| <b>CI/CD &amp; Automation:</b>         | Azure DevOps Pipelines, Git, automated deployments                    |
| <b>Observability &amp; Security:</b>   | Grafana, Prometheus, Loki, Kafka, Fluent Bit, Alloy, AWS WAF          |
| <b>Operating Systems:</b>              | Linux (administration, shell scripting)                               |
| <b>Programming:</b>                    | Python, C#, SQL, JavaScript                                           |
| <b>Languages:</b>                      | Portuguese (native), English (advanced)                               |
| <b>Soft Skills:</b>                    | Problem solving, teamwork, communication, leadership                  |

## CERTIFICATIONS & COURSES

- AWS Certified Cloud Practitioner** — Amazon Web Services
- Linux System Administration** — Red Hat
- CS50's Introduction to Programming with Python** — Harvard University
- English — Basic to Advanced** — KNN Idiomas