

# Kevin Medeiros

Head of DevOps | DevOps & Cloud Engineering — AWS, GCP, Kubernetes, Rancher, CI/CD, Ansible  
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## SUMMARY

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Highly skilled and results-oriented DevOps leader with 9+ years of experience designing, implementing, and maintaining robust and scalable systems. Proven ability to optimize processes, improve efficiency, and reduce costs using AWS, Google Cloud Platform (GCP), Kubernetes (Rancher), and CI/CD pipelines. Expertise in migrating services to containerized environments, GitOps automation, and observability. Proficient in Python and Java. Demonstrated success in leading and mentoring engineering teams.

## SKILLS

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**Cloud Computing:** AWS (EC2, S3, EKS, IAM, Lambda, RDS), Google Cloud Platform (GCP)

**Containerization:** Docker, Kubernetes, k3s, Rancher, ECS

**CI/CD & GitOps:** Bitbucket Pipelines, GitHub Actions, GitLab CI, ArgoCD

**Automation:** Ansible, Terraform

**Monitoring & Logging:** Prometheus, Grafana, CloudWatch

**Scripting:** Python, Bash

**Databases:** MongoDB, PostgreSQL, MySQL

## EXPERIENCE

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**NovumDMS** — Remote

**Head of DevOps** (January 2026 - Present)

- Directed the setup of infrastructure and development processes for products focused on redistribution and supply chain management, spanning an AgriTech/IoT platform, a multi-tenant SaaS ERP layer, and a modern distribution ERP.
- Led a full GitOps migration with ArgoCD across all product environments, standardizing deployments and improving release reliability, traceability, and auditability.
- Designed and operated k3s Kubernetes clusters on Google Cloud Platform (GCP), managed through Rancher, with secure secret management using SOPS + AGE.
- Deployed a production MQTT broker (EMQX on Kubernetes) with mutual TLS (mTLS), ECDSA certificates, and TLS 1.3 for secure IoT device integration.
- Launched a FinOps initiative to inventory third-party services and GCP spend, identifying significant cost-saving opportunities through committed-use discounts and storage optimization.
- Diagnosed and resolved production incidents across Kubernetes networking (Flannel/VXLAN), MongoDB indexing, and message-queue reliability (RabbitMQ).

**Anchor Loans** — Thousand Oaks, CA

**DevOps Supervisor** (March 2022 - January 2026)

- Led a team of 5 DevOps engineers in migrating environments from ECS to Kubernetes with Rancher, resulting in a 30% reduction in infrastructure costs and an improved security posture.
- Implemented buildx and cached Kubernetes runners, leading to a 70% decrease in deployment time.
- Managed a team of five, defining a roadmap for the DevOps team and serving as a key point of contact for the architecture team.
- Facilitated change management meetings with the BA team to prioritize features for upcoming deployments, establishing a clear process for defining release content and creating comprehensive internal release notes.

- Supported the architecture team on new projects, designing and implementing infrastructure (test, staging, production environments) and defining CI/CD processes.
- Designed and implemented a highly available EKS infrastructure using Terraform (AWS provider), configuring VPC networking, IAM roles, and autoscaling groups for EKS nodes; deployed and configured an EC2 instance running Rancher for cluster orchestration.

#### **DevOps Engineer** (July 2019 - March 2022)

- Migrated services from EC2 to ECS, creating Dockerfiles and Task Definitions, and developing the CI/CD process using Bitbucket Pipelines.
- Developed and maintained 8 CI/CD pipelines, resulting in daily deployment frequency.
- Resolved production incidents, minimizing service disruptions and improving overall system stability.
- Designed and implemented a DevSecOps pipeline integrated into Bitbucket, leveraging Bandit and Trivy for static and container security analysis, producing weekly vulnerability reports across all projects.
- Streamlined deployment and maintenance of legacy EC2 services by creating Ansible playbooks to automate package updates, upgrades, and instance restarts, significantly improving operational efficiency.

#### **Dock**

##### **DevOps Engineer** (May 2017 - June 2019)

- Migrated services to Rancher using Docker, optimizing SRE processes.
- Implemented AppDynamics, enabling proactive identification and resolution of potential issues.
- Collaborated with development teams to improve the efficiency of the software delivery lifecycle.
- Created and managed a university DevOps lab (UNIESP), resulting in the migration of a legacy application stack to Kubernetes and on-premises databases to the cloud; mentored 10 interns, 60% of whom received full-time employment offers.

#### **Laboratório de Aplicações de Vídeo Digital (LAVID)**

##### **Developer** (October 2015 - July 2016)

- Developed a Django-based back-end for a mobile Android application (Java) designed to locate nearby health clinics for underserved populations; gathered requirements, designed the database schema, implemented RESTful APIs, integrated mapping services, and deployed to an internal university server.

#### **Sicoob Creds**

##### **Intern** (June 2015 - October 2015)

- Provided support for Python-based back-office services managing payroll processes; adjusted existing features and developed new functionality to streamline report generation and data analysis, working with existing APIs and writing unit tests.

#### **Freelance Web Developer**

##### **Self-employed** (May 2014 - February 2017)

- Developed front-end and back-end solutions for various clients using Django, with full-stack ownership of the software development lifecycle from requirements gathering through testing and deployment to production.

## **EDUCATION**

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Universidade Federal da Paraíba — Bachelor of Engineering in Computer Engineering (2015-2020), Incomplete  
Faculdade de Tecnologia da Paraíba — Internet Systems and Software Development (2013-2015)

## **LANGUAGES**

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Portuguese (Native) | English