

Osmar Ernesto Ruiz Amador

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PROFESSIONAL SUMMARY

Software & DevOps Engineer experienced in microservices architecture, modern frontend development, and cloud infrastructure automation. Proven success transforming legacy monoliths into scalable microservices using Java/Spring Boot (JHipster), PostgreSQL, and React, alongside provisioning declarative cloud environments via Terraform, Ansible, and Kubernetes clusters. Strong background in distributed systems observability (Prometheus, Grafana, Apache Kafka, Longhorn storage, analytical/relational datastores) and leveraging AI-augmented engineering workflows to accelerate delivery speed and quality.

TECHNICAL SKILLS

Languages & Frameworks: Java, Spring Boot, JHipster, JavaScript, TypeScript, React, Python (scripting & automation), SQL, Go.

DevOps & Cloud: AWS (ECS, EC2, RDS), Kubernetes, Docker, Longhorn (distributed block storage), Terraform, Ansible, GitLab CI/CD.

Databases & Messaging: PostgreSQL, ClickHouse, Apache Kafka, Valkey (Redis).

Monitoring & Observability: Prometheus, Grafana (cluster health, datastore dashboards, Kafka telemetry, Python automation scripts).

Fintech & API Integrations: Plaid, Mastercard Developers, Oculous, TINCheck, RESTful APIs.

AI & Productivity Tools: Cursor, Antigravity, GitHub Copilot (code refactoring, test generation, IaC templating).

Interpersonal & Soft Skills: Technical communication, structured incident troubleshooting, cross-functional collaboration, continuous learning.

PROFESSIONAL EXPERIENCE

DevOps Engineer | [Jadugar AI](#) (Remote)

June 2026 – Present

- Architected and provisioned reproducible Infrastructure as Code (IaC) using Terraform and Ansible for automated deployments across AWS ECS and Kubernetes workloads.
- Led the end-to-end migration of 17 services and databases into containerized AWS ECS environments, eliminating environment drift and minimizing downtime.
- Built a centralized observability ecosystem with Prometheus and Grafana, authoring Python automation scripts to manage and deploy operational dashboards for Kubernetes cluster health, Longhorn storage, Kafka messaging, and multi-tier datastores (ClickHouse, PostgreSQL, Valkey).
- Delivered direct technical support to engineering teams for diagnosing and debugging container runtime, networking, and pod lifecycle issues within Kubernetes and GitLab CI/CD pipelines.
- Coordinated signal and latency testing to validate high availability and service resilience under load.

Software Engineer | [Clicklease](#) (Remote)

March 2025 – May 2026

- Collaborated within the engineering team on the architectural rewrite of the core Capital platform, assisting in the transition of a legacy monolith into an ecosystem of 19 independent microservices using Java, Spring Boot, and JHipster backed by PostgreSQL.
- Implemented core integrations with third-party fintech providers: bank account verification with Plaid, card & identity services with Mastercard Developers, financial document analysis with Oculous, and tax compliance via TINCheck.
- Developed modular, responsive user interfaces using React, adhering to accessibility standards, component reusability, and clean architecture.
- Maintained production services post-launch, resolving high-priority defects and delivering iterative features in a high-concurrency environment.

EDUCATION

B.S. in Information Systems Engineering – National Autonomous University of Nicaragua (UNAN-León)

2020 – 2024

LANGUAGES & CERTIFICATIONS

Languages: Spanish (Native), English (Professional Working Proficiency / B1+, fluent in technical documentation, actively advancing speaking skills).

Certifications & Training: KodeKloud (Ansible, Terraform, Kubernetes), AWS Cloud Practitioner Essentials, UNAN-León Git & GitLab.