

# Juan Lopera

Santo Domingo, Dominican Republic | +1 829 759 2396 | [juanlopera0405@gmail.com](mailto:juanlopera0405@gmail.com) |  
[linkedin.com/in/juan-lopera-326577249/](https://www.linkedin.com/in/juan-lopera-326577249/) | [github.com/jml0405](https://github.com/jml0405)

## SUMMARY

DevOps Engineer focused on end-to-end Azure DevOps, containers, Kubernetes, and cloud-native deployments. Designs and operates CI/CD in YAML, declarative delivery workflows, and observability with Grafana. Experience supporting projects with AWS services including Lambda, EKS, and ECR, together with Terraform-based infrastructure practices. Security posture collaboration with Wiz and Fluid Attacks. Strong Linux fundamentals. Development and automation with Python. Additional skill in Flutter for mobile frontends when required.

---

## PROFESSIONAL EXPERIENCE

### Solvex Dominicana

Santo Domingo, Dominican Republic  
Jan 2025 - Present

#### *DevOps Engineer*

- Banking sector experience with integrations and deployments for financial services under strict security and compliance requirements.
  - CI/CD pipelines in Azure DevOps using YAML for .NET and Node services with build, test, quality checks, and staged deployments.
  - Declarative deployments with ArgoCD on OpenShift using sync strategies and health checks; namespace administration and RBAC controls.
  - Standardization of Docker multi-stage images, caching, and tagging; secrets and configuration variables management.
  - Participation in Siembra project activities using AWS Lambda, EKS, and ECR as part of cloud deployment and container delivery workflows.
  - Grafana dashboards for availability, latency, and resource usage by service and environment.
  - Security findings management with Wiz and Fluid Attacks together with development teams.
  - Operational Linux usage including systemd, users and permissions, and basic networking.
  - Python automation for artifact validation and operational tasks.
- 

## SELECTED PROJECTS

### Demo DevOps Node.js API

Node.js | Docker | Terraform

- Repo: <https://github.com/jml0405/demo-devops-nestjs>
- REST API built with Node.js 18, Express, and SQLite.
  - CI pipeline in GitHub Actions with dependency installation, ESLint, unit tests with Jest, coverage, and vulnerability scanning with Trivy.
  - Application containerization and image publishing; automatic release to Minikube after successful CI.
  - Infrastructure as code with Terraform for namespace, ConfigMap, Secret, Deployment, Service, Ingress, and HPA; optional AWS deployment through a manual flow.

### Siembra Project

AWS Lambda | EKS | ECR

- Worked on deployment-related tasks for the Siembra project using AWS Lambda for serverless components.
- Supported container-based workloads on Amazon EKS and image lifecycle management through Amazon ECR.
- Collaborated on cloud delivery flows aligned with DevOps practices for build, release, and operational support.

### PRESTA - Tool lending platform

Flutter and Firebase

- Frontend built with Flutter using reusable components and state management.
- Backend implemented with Firebase Cloud Functions for business logic and endpoints.
- End-to-end integration between app and backend with authentication and access rules.

#### **Operational KPIs and observability**

Grafana

- SLI dashboards covering availability and latency plus resource trends by service.

#### **DevOps utilities**

Python

- Python scripts for release verification and lightweight command-line helpers.
- 

## **EDUCATION**

### **INSTITUTO TECNOLOGICO DE SANTO DOMINGO INTEC**

Santo Domingo, Dominican Republic  
2022 - Present

*B.S. in Software Engineering*

### **COLEGIO CALASANZ**

Santo Domingo, Dominican Republic  
2014 - 2022

*High School*

---

## **TECHNICAL SKILLS**

- Azure DevOps: YAML Pipelines, Repos, Boards, Artifacts, Environments, approvals.
- AWS: Lambda, EKS, ECR.
- Kubernetes and OpenShift. ArgoCD. Docker. GitHub Actions. Git.
- Python for automation and analysis with pandas. SQL.
- Flutter for mobile frontends.
- Firebase Cloud Functions for serverless backend.
- Grafana for metrics and dashboards.
- Wiz and Fluid Attacks for vulnerability management and security posture.
- Operational Linux knowledge. Basic networking and web protocols. REST APIs.
- Terraform for infrastructure as code.

## **KEYWORDS**

Azure DevOps; GitHub Actions; CI/CD; YAML; AWS; Lambda; EKS; ECR; OpenShift; Kubernetes; ArgoCD; Docker; Terraform; Node.js; Express; SQLite; Python; Flutter; Firebase Cloud Functions; SQL; Grafana; Wiz; Fluid Attacks; Linux; RBAC; Trivy; Banking; Compliance.