

CARLOS NETO

DEVOPS ENGINEER

www.carlosneto.dev linkedin.com/in/c-neto/ github.com/c-neto credly.com/c-neto/badges [Brazil - São Paulo](#)

PERSONAL SUMMARY



Self-motivated IT professional with experience in high-availability systems for Open Banking and IoT platforms. Specializes in Python programming, AWS, log analytics pipelines, OpenSearch, and Kubernetes workload management.

Experienced in technical documentation and managing a [blog](#) that shares insights and solutions on DevOps practices.

PROFESSIONAL EXPERIENCE

DevOps Engineer

[Trustly | Open Banking Platform](#)

 November 2021 – Current  Remote

I work on a global Account-to-Account Open Banking System, where my primary responsibilities encompass scripting, cloud component optimization, and log pipeline creation. My core tasks include:

- Managing a large self-hosted OpenSearch cluster, including performance tuning, SSO, RBAC, ISM policies, monitoring, and template optimization.
- Developing automation scripts and CLI with Python and Bash.
- Creating log analytics pipelines (Fluentbit + Logstash + OpenSearch).
- Migrating Kubernetes applications to Helm charts.
- Optimizing AWS resources with a focus on performance and security.
- Operating, optimizing, and troubleshooting Kubernetes applications.
- Writing and maintaining Knowledge Base documentation.

Software Developer

[Fotosensores | Speed Camera Systems](#)

 April, 2018 – October, 2021  On-site

I focus on meeting in-house infrastructure needs, primarily within a regional Speed Camera System. My key responsibilities include:

- Developing Python microservices, scripts, CLI tools, and Web APIs.
- Pipelines for building RPM and container images (GitLab + Nexus).
- Implementing observability (Zabbix + Prometheus + Grafana).
- Creating log analytics pipelines (Rsyslog + Loki + Grafana).
- Provisioning Linux server setups (Ansible + AWX).
- Writing and maintaining Knowledge Base documentation.

PROJECTS

- **OpenSearch Tuning (Trustly):** Implemented Least Privilege, Defense-in-Depth, and Observability; optimized index templates, ISM policies, and cluster configurations.
- **Log Analytics (Trustly):** Built log ingestion pipelines (Fluentbit + Logstash + OpenSearch).
- **SFTP Cluster (Trustly):** Developed a highly available SFTP server with fault tolerance across multiple AZs (Ansible + Kubernetes).
- **Speed Camera Monitoring System (Fotosensores):** Delivered a web-based system to monitor and observe speed camera components (Ansible + Flask + Grafana + Loki).

EDUCATION

- Systems Analysis and Development High-Education | FATEC (2016 – 2019)
- Computer Network Full-Certified | ETEC (2016 – 2017)
- Industrial Automation Full-Certified | ITJ (2013 – 2015)

CERTIFICATIONS AND BOOKS

- AWS Certified Solutions Architect - AWS.
- AWS Certified Cloud Practitioner - AWS.
- GitHub Actions - GitHub.
- GitLab Certified Associate - Gitlab Inc.
- Python Formation Certified - Alura.
- Kubernetes: Up and Running - Book.
- Fluent Python - Book.
- Python Cookbook - Book.
- The Hitchhiker's Guide to Python - Book.
- Shell Programming (Julio Neves) - Book.

SKILLS

- Soft Skills

Ownership Accountability
Resilience Attention to Detail

- Programming

Python Bash Go Java

- Kubernetes Tooling

Helm ESO Kong Cert-Manager

- Observability

OpenSearch ELK Stack Grafana
Prometheus Rsyslog Zabbix Loki

- CI/CD and GitOps

GitLab Github Actions ArgoCD

- Infrastructure as a Code

Ansible Terraform

- AWS services

EC2 EFS EKS IAM S3 SNS
SQS VPC OpenSearch Service
Route53 Lambda CloudFormation