

CARLOS NETO

DEVOPS ENGINEER

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

PROFESSIONAL PROFILE

Self-motivated professional with a strong sense of **accountability** and **ownership**, recognized for **high performance** and **documentation** skills.

DevOps Engineer with **programming** background and expertise in observability, focusing on log analytics. Specializes in Python, Fluentbit, Logstash, OpenSearch, AWS, and Kubernetes workload management.

Technical writer with [OpenSource contributions](#) in the official documentation for OpenSearch, External Secrets Operator, and OpenCTI. Maintains the www.carlosneto.dev blog, sharing insights and solutions on DevOps practices.

PROFESSIONAL EXPERIENCE

DevOps Engineer
[Trustly](#) | [Open Banking Platform](#)

📅 November 2021 – Current 📍 Remote

Works on a global Account-to-Account Open Banking system running in the AWS Cloud. Primary tasks:

- Managing a large self-hosted OpenSearch cluster, including performance tuning, SSO integration, RBAC management, ISM policies, monitoring, template creation, and cost optimization.
- Creating log analytics pipelines (Fluentbit + Logstash + OpenSearch).
- Migrating Kubernetes applications to Helm charts.
- Optimizing AWS resources with a focus on performance and security.
- Creating Jira reports automation using Pandas, and Google Sheets.
- Operating, optimizing, and troubleshooting Kubernetes applications.
- Writing and maintaining Knowledge Base documentation.

Software Developer
[Fotosensores](#) | [Speed Camera Systems](#)

📅 April, 2018 – October, 2021 📍 On-site

Worked on a regional Speed Camera IoT system running on self-hosted infrastructure. Primary tasks:

- 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 RBAC security practices, observability, and optimized index templates and ISM policies.
- **Log Analytics (Trustly):** Built log ingestion pipelines for applications running on Kubernetes (Fluentbit + Logstash + OpenSearch).
- **SFTP Cluster (Trustly):** Developed a highly available SFTP server with fault tolerance across multiple AZs (Kubernetes + Ansible).
- **Speed Camera Monitoring (Fotosensores):** Developed a web system for monitoring speed camera components (Grafana + Zabbix + Flask).

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
- Programming

Python Bash Go Java
- Kubernetes Tooling

Helm ESO Kong Cert-Manager Blackbox Prometheus Operator
- 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