

CARLOS NETO

DEVOPS ENGINEER

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

SUMMARY

Dedicated and self-motivated IT professional with a strong commitment to continuous learning and a deep sense of ownership.

Proficient in a range of technical skills including programming, documentation, and DevOps. Specialized in Python programming and well-versed in Amazon Web Services, with a primary focus on system provisioning, creating automation scripts, and managing log pipelines and observability stacks.

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:

- Crafting automation scripts using Python and Bash.
- Managing a massive OpenSearch cluster, including Cluster configuration, RBAC, and Template tuning.
- Developing and maintaining Logstash log pipelines.
- Optimizing AWS resources focuses on performance and security.
- Kubernetes operating, troubleshooting, and optimization.
- 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, and integrations.
- Managing GitLab CI/CD pipelines.
- Setting up monitoring with Zabbix, Prometheus, and Grafana.
- Developing Log Pipelines with Rsyslog, Loki, and Grafana.
- Handling Linux server and RPM packaging (CentOs-based).
- Maintaining knowledge base documentation.

PROJECTS

- **SFTP Cluster (Trustly):** Implemented a highly available SFTP server using Ansible for user setup and Kubernetes for deployment.
- **OpenSearch Security and Monitoring (Trustly):** Implemented robust monitoring (Prometheus + Grafana), and security best practices, including the Principle of Least Privilege, and Defense-in-Depth.
- **Image Transmissions Module (Fotosensores):** Developed a module for speed camera systems that securely transmits vehicle images with data integrity and cryptography.
- **Speed Camera Monitoring System (Fotosensores):** Created a web-based system for monitoring and observing components of the speed camera system.

EDUCATION

Analisis and Development System (High-Education)

FATEC - São José dos Campos

July 2016 – July 2019

Computer Network (Full-Certified)

ETEC - Cônego José Bento

February 2016 – July 2017

Industrial Automation (Full-Certified)

ITJ - Instituto de Tecnologia de Jacareí

February 2013 – December 2015

- AWS Certified Cloud Practitioner.
- GitLab Certified Associate - Gitlab Inc.
- Python Formation Certified - Alura.
- Fluent Python - Book.

SKILLS

- Programming

Python Bash

- Cloud

AWS

- Observability and Monitoring

OpenSearch ELK Stack Grafana
Prometheus Rsyslog Zabbix Loki

- CI/CD and GitOps

GitLab Github TravisCI ArgoCD

- Containers Orchestration

Kubernetes Docker-Compose

- Infrastructure as a Code

Ansible Terraform

- Messaging and Reverse Proxy

RabbitMQ ZeroMQ SQS Redis
NGINX Traefik