

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 IT professional with a strong sense of **accountability** and **ownership**, recognized for **high performance** and **documentation**.

Experienced in high availability and fault-tolerant systems, particularly within Open Banking platforms and IoT environments. Specializes in Python, 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, SAML 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

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
 - 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