CARLOS NETO

DEVOPS ENGINEER

🔗 www.carlosneto.dev   in 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).
- Developing automation scripts and CLI (Python + Bash).
- Managing Kubernetes workloads and creating Helm Charts.
- Optimizing AWS resources with a focus on performance and security.
- Developing Scrum reports (Jira API + Pandas + Google Sheets).
- 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.
- Implementing observability (Zabbix + Prometheus + Grafana).
- Creating log analytics pipelines (Rsyslog + Loki + Grafana).
- Provisioning Linux server setups (Ansible + AWX).
- Packaging Python, Java, Go application in RPM format.
- 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` `Fluentbit` `Grafana` `Prometheus` `Zabbix`

- 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`