

CARULLA VICTOR

DevOps / Site Reliability Engineer

Production systems · Kubernetes · CI/CD · Observability

DevOps / Site Reliability Engineer focused on improving system reliability, deployment workflows and operational visibility. Strong hands-on experience supporting production systems, CI/CD pipelines and containerized environments.

Background in software development (*backend and frontend*), which provides a strong understanding of developer workflows and operational needs.

EXPERIENCE

BiBank, DevOps Engineer / SRE

MAR 2024 – PRESENT

- Modernization and standardization of CI/CD workflows through the design of controlled, parameterized pipelines, increasing deployment reliability and enabling self-service models across teams.
- Container orchestration improvements and platform stability across production environments.
- Implementation of centralized secrets management practices across distributed systems.
- Reorganization and reinforcement of observability through rapid visibility solutions, metric normalization via an internal service layer, and integration of threshold-based alerting into centralized monitoring systems, promoting technical adoption across teams.

Azure · Kubernetes (AKS, k3s) · Helm · GitLab CI · Jenkins · Elastic Stack · Zabbix · Kuma · Vault · Consul · Harbor · Proxmox · Docker Swarm

Fpay, DevOps / SRE

JAN 2021 – MAR 2024

- DevOps point of contact for multiple backend and frontend teams, supporting the full deployment and operational lifecycle of microservices in production cloud environments.
- Evolution of the Infrastructure-as-Code and automation platform, strengthening pipelines and supporting the transition from Jenkins to GitLab CI.
- Operation and maintenance of Docker Swarm-based infrastructure on Azure, ensuring platform stability in distributed environments.
- Incident management across critical platform components, including API gateway (KongHQ), messaging systems, and managed data services such as MongoDB Atlas and BigQuery.
- Improvement of observability and monitoring practices (ELK, Datadog) during high-demand operational periods.

Azure · GCP · Docker Swarm · Kubernetes · Terraform · Jenkins · GitLab CI · Chef · KongHQ · ELK · Datadog · Vault · Cloudflare · MongoDB Atlas · BigQuery

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SKILLS

Containers & Platforms

- Docker, Kubernetes

CI/CD & Automation

- Jenkins, GitLab CI/CD
- Scripting (Bash)

Containers & Orchestration

- Container runtimes (Docker, Docker Swarm)
- Orchestration (Kubernetes - AKS, k3s)
- Package management & registries (Helm, Harbor)

CI/CD & Automation

- Pipelines (Jenkins, GitLab CI)
- Configuration management (Chef)
- Infrastructure as Code (Terraform)

Platforms & Systems

- Azure, GCP, Cloudflare, Linux, Proxmox

Observability & Monitoring

- Metrics and dashboards (Zabbix, Kuma)
- Logging and APM (Elastic Stack, Datadog, Instana)

Technisys, Backend Developer at Fpay

SEP 2019 – JAN 2021

- Backend development for a multi-country digital payment wallet, integrating financial services across regulated environments.
- Design and implementation of backend components for asynchronous payment transaction processing using messaging queues, handling persistence, transactional state management, and retry mechanisms.
- Implementation of integrations with external systems and collaboration on financial traceability and auditability.
- Collaboration with infrastructure teams on deployment, configuration, and service reliability.

Node.js · Express · RabbitMQ · MySQL · Redis · Docker · Jenkins · Kong · Instana · JWT · MongoDB

Technisys, Frontend Developer at Banco Itaú

JUL 2016 – AUG 2019

- Development and maintenance of the Banco Itaú mobile banking application.
- Development of Angular/Ionic components and services to support multi-step operational flows and client-side validations.
- Resolution of cross-platform styling and compatibility issues using SASS.
- Integration of banking APIs and analytics tools, including participation in mobile build and store release processes (Android/iOS).

Angular · Ionic · TypeScript · RxJS · SASS · Cordova · REST APIs

DoWhale, Frontend Developer

OCT 2014 – JUL 2016

- Development of responsive, public-facing web applications with focus on usability, cross-browser compatibility, and performance optimization.
- Integration with REST APIs and client-side interaction logic.

JavaScript · HTML5 · CSS3 · Responsive Design · REST API Integration · WordPress

Freelance, System Consultant

AUG 2007 – OCT 2014

- System administration and infrastructure consulting for small and medium-sized companies.
- Deployment and maintenance of Linux and Windows servers, networking equipment, virtualization platforms, and backup solutions.

Linux Servers · Windows Servers · Networking · Virtualization · Backup Solutions

Infrastructure & Security

- Secrets management (*Vault, Consul*)
- API Gateway (*KongHQ*)

Messaging & Data

- Message brokers (*RabbitMQ, Kafka*)
- Databases (*MongoDB, MySQL, Redis, BigQuery*)

Backend

- Runtime and frameworks (*Node.js, Express*)
- Authentication (*JWT*)

Frontend & Mobile

- Frameworks (*Angular, Ionic*)
- Languages and tools (*TypeScript, RxJS, SASS, Cordova*)
- API integration (*REST APIs*)

LANGUAGES

ENGLISH

Basic Professional Proficiency.

SPANISH

Native.

Sirius IT Solutions, IT Store Owner

JUL 2011 - OCT 2013

- Hardware sales and system configuration.
- Technical support, network setup and ongoing monitoring.

BullNet, IT Employee

FEB 2010 - SEP 2012

- Responsibilities included sales, customer support and systems configuration.

Cybercafé Maniac, General Employee

MAR 2004 - DEC 2005

- Responsibilities included Customer support and network maintenance.

EDUCATION

EDUCACION IT — Information Security Career

2013 - 2014

- Career in system security, vulnerability mitigation and infrastructure protection.

LICENSES & CERTIFICATIONS

UDEMY — HELM - Package Manager for Kubernetes Complete Master Course

AUG 2023

<http://ude.my/UC-f0e620a4-386c-4590-ac97-363ffeb8aa45>

UDEMY — Pipelines, CI/CD and DevOps

AUG 2022

<http://ude.my/UC-6b450b02-cd62-4f99-be7a-a124ee3af4a8>

UDEMY — Kubernetes Certified Application Developer (CKAD)

OCT 2020

<http://ude.my/UC-539fdf14-c751-4282-9679-34f9e012f26e>

IT COLLEGE — AWS Discovery Day

SEP 2020

<https://tinyurl.com/awsdicoverv>

CLA — Introducción a Python

SEP 2014

EDUCACION IT — *Linux Seguridad*

AGO 2014

www.educacionit.com/perfil/victor-carulla-72057/certificado/14588

EDUCACION IT — *Seguridad Windows*

AGO 2014

www.educacionit.com/perfil/victor-carulla-72057/certificado/13509

EDUCACION IT — *Seguridad Web*

JUN 2014

www.educacionit.com/perfil/victor-carulla-72057/certificado/13597

EDUCACION IT — *Google Hacking e Ingeniería Social*

FEB 2014

www.educacionit.com/perfil/victor-carulla-72057/certificado/6585

EDUCACION IT — *Seguridad Física y Aspectos Legales*

FEB 2014

www.educacionit.com/perfil/victor-carulla-72057/certificado/6588

EDUCACION IT — *Ethical Hacking*

DIC 2013

www.educacionit.com/perfil/victor-carulla-72057/certificado/10678

EDUCACION IT — *Linux Operador*

NOV 2013

www.educacionit.com/perfil/victor-carulla-72057/certificado/10492

EDUCACION IT — *Seguridad en Redes*

OCT 2013

www.educacionit.com/perfil/victor-carulla-72057/certificado/10500

EDUCACION IT — *Introducción a la Seguridad Informática*

Ago 2013

www.educacionit.com/perfil/victor-carulla-72057/certificado/11156

EDUCACION IT — *Explotación de Software*

JUL 2013

www.educacionit.com/perfil/victor-carulla-72057/certificado/11327