



# Santiago Velazquez

DEVOPS ENGINEER

## Profile

Platform DevOps Engineer with hands-on experience building and maintaining high-availability infrastructure, clustered environments, and AI-powered internal tooling at scale. Skilled in automation, container orchestration, and load balancing to drive performance and reliability. Strong background in observability, CI/CD, and production-grade MLOps workflows — including vector databases, model inference APIs, and real-time semantic search systems. Contributed to a platform team serving 2,000+ users by modernizing legacy infrastructure and deploying scalable, maintainable solutions.

## Employment History

### DevOps Engineer, Israel Defence Forces

MARCH 2023 — PRESENT

- Built a full-stack Retrieval-Augmented Generation (RAG) system integrating GitLab, Qdrant, and VSCode:
  - Automated embedding of GitLab repos into vector DBs via Python and Qwen3; enabled semantic code search in VSCode.
  - Used UUIDv5 and chunk diffing to avoid redundant uploads; orchestrated CI with n8n and served results through FastAPI.
  - Delivered real-time, context-aware completions to devs via the Continue plugin, supporting scalable, multi-project use.
- Deployed and maintained a bare-metal OpenShift cluster supporting containerized production workloads.
- Led transition from standalone Docker-based setups of GitLab, Jira, and Confluence to enterprise-grade deployments.
- Administered Jira and Confluence, improving performance and uptime via advanced config and monitoring.
- Implemented PostgreSQL optimizations and performed complex, high-load data migrations.
- Developed Python and JavaScript automation tools for provisioning, deployment, and maintenance tasks.
- Designed HAProxy-based load balancing strategies to improve system availability and response time.

### Assistant Teacher (Mathematics, English, Physics), Alonei Yitzhak Youth Village, Alonei Yithak

SEPTEMBER 2022 — MARCH 2023

- Worked with high school students in Mathematics, English, and Physics, offering individualized support and creating tailored learning materials to improve understanding

## Education

### Devops Engineer, Israel Defence Forces

MARCH 2023 — JUNE 2025

Selected through a rigorous admission process. Completed 3.5 months of intensive full-time training (8 AM–11 PM daily) in core DevOps technologies and practices before joining an elite cyber unit

### Mechinat Melach Haaretz

SEPTEMBER 2022 — JUNE 2023

Focused on youth leadership, social responsibility, and community involvement.

### High School Diploma, Alonei Yitzhak School

SEPTEMBER 2016 — JUNE 2021

Specializations: 5-unit Mathematics, 5-unit Computer Science, 5-unit Physics

## Details

Israel

[santivelazqueziusim@gmail.com](mailto:santivelazqueziusim@gmail.com)

## Links

Website

LinkedIn

Medium

## Skills

Linux

Git

Python

Ansible

Docker

Kubernetes

Jira

Gitlab

Automations

Gitlab CI/CD

AWS

## Languages

Spanish

English

Hebrew

Italian

## Hobbies

Chess, Photography, making and editing videos, studying Math and Physics.