

SERGIO SAUCEDO

Senior Backend Engineer | Full Stack Developer

CORE COMPETENCIES

Python · Django · FastAPI · PostgreSQL · REST APIs · AWS · Docker · CI/CD Pipelines · Multi-Tenant SaaS · Ansible Automation

PROFESSIONAL SUMMARY

Backend-focused Software Engineer with 5+ years of enterprise experience building scalable systems at IBM and Fortune 500 environments. Proven track record in Python backend development, DevSecOps pipeline design, and infrastructure automation across mainframe and cloud platforms. Founded and scaled ClinicNet, a profitable B2B SaaS platform serving 120+ paying customers, demonstrating end-to-end product ownership from architecture design to Stripe billing integration. Adept at leading cross-team migrations, delivering customer-facing workshops to Fortune 500 clients, and mentoring developers. Open to remote opportunities.

PROFESSIONAL EXPERIENCE

Autoliv | January 2026 – Present | *Python Developer*

- Leading a full legacy-to-modern migration of a lab test execution platform for a global automotive safety manufacturer. Designing a server-edge architecture with FastAPI, Celery, React/TypeScript, and Kubernetes.
- Building edge workers that communicate with data acquisition hardware via RS232 and TCP/IP sockets, enabling real-time test data capture from physical lab equipment.

IBM | February 2022 – November 2025 | *Advisory Software Engineer*

- Spearheaded organization-wide DevSecOps migration from Jenkins to Tekton (IBM Secure Pipelines), implementing SAST, SBOM, and SonarQube scans across 7 development teams, achieving full compliance ahead of deadline.
- Architected an Event-Driven Ansible collection from scratch with Python-based real-time log analysis and Kafka event pipelines, automating detection and remediation of z/OS security violations with 100% automated response.
- Delivered IMS modernization workshops and live demos to 6 Fortune 500 clients (USAA, Cigna, Texas Instruments), reducing IMS provisioning time by 95% (days to under 30 minutes).
- Resolved critical operator bug affecting all 6 product operators and co-led consolidation of multiple OpenShift operators into a unified architecture, reducing deployment complexity and maintenance overhead.

ClinicNet (Co-founder & Solo Developer) | January 2024 – Present | *Full Stack Engineer*

- Built and launched a profitable multi-tenant B2B SaaS platform (Django + Next.js + PostgreSQL) serving 120+ paying health clinics with schema-per-tenant data isolation.
- Engineered automated Stripe subscription billing with metered seat pricing and Django signal-driven user count sync, achieving 100% automated billing operations.
- Designed event-driven async processing with Celery + Redis for appointment reminders via WhatsApp Business API, supporting scheduling, RBAC, and document management across multi-location clinics.

Softtek (Cigna Healthcare) | March 2021 – January 2022 | *Python Developer*

- Led ServiceNow integration development for a network device management platform (NetBox fork), consolidating 30,000+ network devices from disparate sources into a single source of truth.
- Migrated custom codebase to the NetBox Plugins architecture, significantly reducing technical debt and contributing upstream fixes to the open-source project.

TECHNICAL SKILLS

Backend: Python, Django, Django Ninja, FastAPI, Celery, REST APIs

Frontend: React, Next.js, TypeScript, Angular

Infrastructure: AWS (S3, EC2), Docker, OpenShift, Terraform, Ansible, Kubernetes

Data: PostgreSQL, Redis, Kafka

CI/CD & DevOps: Tekton, Jenkins, GitHub Actions, Prometheus, Grafana, Sentry

Integrations: Stripe, WhatsApp API, ServiceNow

EDUCATION & CERTIFICATIONS

IBM Developer Profession – Level 2 Experienced | 2025

IBM Certified Professional Developer v6 – IBM Cloud | 2024

IBM Certified Associate SRE v1 – IBM Cloud | 2023

B.S. Computer Systems Engineering – Instituto Tecnológico de Saltillo | 2016–2021