


Soc Virnyl Estela


Software Developer • Technical Writer • Backend • Python • Rust • Go • Typescript


Backend-focused Software Developer working with Python, Rust, TypeScript, and Go. Experienced in building APIs with **FastAPI** and **Axum**, and developing backend services across multiple stacks.

Strong foundation in **Linux systems**, with experience creating **automation tools and system utilities** to improve developer workflows. Also produces **technical documentation and tutorials** for developer audiences.

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Technical Skills

Programming Languages: *rust, go, python, typescript, javascript*

Frontend: *react, vite, preact, deno fresh*

Backend: *fastapi, redis-py, axum, sqlx, deadpool-postgres, deadpool-redis*

Databases: *postgresql (timescaledb/tigerdata), redis, sqlite*

Cloud/DevOps: *amazon web services (s3 and ecs), linode*


Tools: *git, gitea, forgejo, osc, shell, apt, rpm, zypper, docker, podman*

Experience

DevOps & Backend Developer (Remote - Contract)


Cortico Health  cortico.ca


 Burnaby, British Columbia, Canada

 May 2026 - present

Software Developer (Remote - Contract)

Block Liquidity  blockliquidity.xyz


 United Kingdom

 Oct 2025 - Jan 2026

- **Engineered a high-throughput microservices ecosystem** (Rust, Python, Go) processing **1,000+ data streams/sec**, enhancing platform scalability and ensuring consistent delivery of time-sensitive notifications to users.
- **Transformed system responsiveness** from **minutes to milliseconds** by optimizing PostgreSQL index utilization; this eliminated critical data retrieval delays for users and lowered database CPU overhead by removing redundant type-casts.
- **Fortified platform stability** under heavy concurrent load by refactoring FastAPI handlers to eliminate blocking calls, ensuring a **reliable, crash-free experience** for users during peak activity periods.

Contributor, Software Packager, Systems Automation Developer (Remote - Volunteer)

openSUSE Project  opensuse.org


 2021 - present

- **Developed OBS Service Cargo**, the official Rust dependency vendoring tool for openSUSE, **streamlining packaging workflows** and ensuring secure, reproducible builds for the entire developer ecosystem.
- **Engineered Roast**, a systems-level archiving utility that achieved a **70% performance improvement**; optimized resource utilization and guaranteed **deterministic artifact generation** to eliminate build-to-build inconsistencies.
- **Orchestrated the lifecycle of 100+ software packages**, proactively resolving build failures and applying **critical security patches** to maintain high system availability and mitigate supply chain risks for thousands of users.

Technical Content Developer (Remote - Contract)

TRIBE  tribex.co

 Singapore

 Mar 2024 - Jun 2025, Aug 2025 - Oct 2025

- **Authored high-impact technical guides** for the Canton Network on DAML and blockchain architecture, educating **8,600+ learners** and accelerating the adoption of enterprise-grade ledger models.
- **Designed and delivered learning pathways** on APIs and system design for StackUp, reaching up to **1,000 learners per release** and directly increasing the platform's pool of job-ready technical talent.
- **Spearheaded developer onboarding** for Arbitrum and zkPass campaigns, successfully activating **3,000+ developers** for global hackathons and driving significant growth in platform ecosystem participation.

Projects

- [Mercado](#): Backend marketplace service with REST APIs, PostgreSQL, and authentication; currently developing modular architecture and data modeling.
- [obs-service-cargo](#): Rust tool for dependency vendoring in openSUSE, with deterministic package builds support.
- [roast](#): High-performance archiving utility focused on performance and speed.
- [linkedin-auto-connect](#): Automation tool for managing LinkedIn connection workflows using Playwright.
- [bunny](#): Systems-level markdown parser and static site generator built in [Hare](#) (Boot.dev Hackathon 1st place).
- [stackup-forums](#): Forum platform leveraging blockchain for storing posts and metadata, developed as a demo application for StackUp with API-driven architecture and fullstack integration.