

Thomas Schneider

📞 689-200-4286

✉️ thomasqueirozb@gmail.com

🌐 github.com/thomasqueirozb

👤 Senior Software Engineer 📍 New York City, NY

Skills

Programming: Rust, Go, Python, Bash/Shell, JavaScript, TypeScript, C, C++, Java, Groovy
Frameworks: React, NextJS, TanStack Router, TanStack Query, Angular, Redux, Jotai
Databases: PostgreSQL, MySQL, SQLite, MongoDB, DynamoDB
Tools: Linux, Kubernetes, Helm, Docker, HashiCorp Vault, GitHub Actions, Jenkins CI/CD, GitLab, Ansible, AWS, Azure AD/MS Entra ID, Azure Repos/Azure DevOps, Terraform
Languages: English (Fluent), Portuguese (Native), Spanish (Basic)

Work Experience

Senior Software Engineer – York Solutions LLC

JAN 2025 – PRESENT

Software Engineer – York Solutions LLC

FEB 2024 – JAN 2025

- Took part in rewriting legacy MVC Struts Java applications into NextJS and Spring.
- Architected and built new backend systems to support legacy apps being migrated, transitioning from Oracle OAM to OAuth2.
- Conducted almost all frontend and backend code reviews for all team members.
- Guided team members through technical and environment related issues, helping them to get quickly unblocked.
- Built a CMS using Java Spring Boot and AngularJS.

DevOps Engineer – DELL EMC

FEB 2022 – JAN 2024

- Reduced total build time from over 15 minutes to under 5 seconds by rewriting a legacy file parser and converter from Groovy to Rust.
- Developed and maintained Jenkins pipelines supporting dozens of teams.
- Created uptime monitoring tools using a custom Prometheus exporter with Grafana.
- Diagnosed issues in Kubernetes resulting from improper health checks.
- Added Rust support by establishing connectivity to crates.io via Nexus, enabling dependency fetching and integration within servers lacking direct internet access.
- Worked on a Python script to migrate Jenkins pipelines and GitLab repos to Azure.
- Created a parser to extract information from Jenkins jobs directly from Groovy files, without requiring a Jenkins instance.

Freelance

NOV 2021 – JAN 2022

- Built a Selenium web scraper to login and extract tax rates from the [NC DES](#) website.
- Reverse engineered and bulk extracted data from the [DataSUS](#) platform using Python.

Internship – BTG Pactual Bank

JULY 2020

- Used Python to verify data from Excel spreadsheets with information extracted from email data, automating a manual and error prone task.

Open Source Contributions

Multiple contributions: [uutils/coreutils](#): Cross-platform Rust rewrite of the GNU coreutils

Kernel improvements & Refactor: [SerenityOS/serenity](#): The Serenity Operating System

Fix resource leak: [cloudflare/boringtun](#): Userspace WireGuard® Implementation in Rust

Refactor & Bug fix: [cloudflare/cloudflare-rs](#): Rust library for the Cloudflare v4 API

Port from C++ to Rust: [fish-shell/fish-shell](#): The user-friendly command line shell.

Convenience Feature: [seanmonstar/request](#): An easy and powerful Rust HTTP Client

Firefox support: [tomerr8007/whatsapp-web-incognito](#): Invisible mode for WhatsApp Web

Education

Inspire Institute of Education and Research

JAN 2018 – DEC 2022

Bachelor's degree (BS) in Computer Engineering
Minor in Data Science and Solutions Architecture