

Antony Perez

antonymperez0@yahoo.com | +1 (408) 722-6599 | github.com/AntonyPerez0 | linkedin.com/in/antonymperez-swe

Professional Summary

Adaptable Computer Science graduate and Technical Writer combining robust application development with technical writing expertise. I excel at bridging complex software design and developer-centric documentation within Agile squads. Passionate about optimizing continuous integration pipelines, writing test-driven code, and designing automated container architecture to improve velocity and reliability.

Education

Western Governors University – Bachelor of Science, Computer Science	May 2026
Multiverse Bootcamp – Computer Software Engineering	Sept 2024 – Sept 2025
Altcademy – Course in Full Stack Web Development	Apr 2024

Skills

Programming Languages: Java, Kotlin, JavaScript, TypeScript, HTML5, CSS3, SQL

Frameworks: ReactJS, Next.js, Node.js, Jetpack Compose, Bootstrap, Express.js

Developer Tools: Kubernetes, FluxCD, Kustomize, Docker, Git, GitHub Actions, Tailscale Mesh Networks, CloudNativePG, Vitest, JUnit, Retrofit, React Testing Library

Experience

Technical Writer, Clover Network, LLC – Sunnyvale, CA Sept 2024 – Present

- Engineered technical documentation and API integrations, significantly accelerating engineering onboarding velocity for mobile SDKs and core e-commerce modules.
- Architected custom automation and verification scripts using GitHub Actions, establishing continuous integration (CI) guardrails that enhanced digital platform integrity by 95%.
- Collaborated with cross-functional Agile engineering teams to guarantee production feature accuracy, accelerate validation lifecycles, and streamline technical communication.
- Spearheaded the systematic migration of legacy system resources into git-backed architectural targets, enabling modern version control structures and driving high-quality peer review workflows.

Laboratory Technician, UL Solutions – Fremont, CA Apr 2022 – Sept 2024

- Executed rigorous hardware-software interoperability safety tests and data-driven diagnostic matrices on critical prototype infrastructure for Tier-1 enterprise customers.
- Maintained meticulous cloud-based tracking systems and digital audit logs, ensuring strict alignment with international regulatory frameworks and standard quality assurance compliance.
- Partnered with software and systems design engineering teams to troubleshoot execution anomalies, isolating edge-case defects and reducing product defect rates by 15%.

Projects

GitOps Cloud Infrastructure Home Lab Jan 2026 – Present

- Provisioned an immutable bare-metal Kubernetes deployment utilizing a specialized Talos Linux kernel layer, optimizing local compute budgets and host parameters.
- Architected an automated GitOps deployment engine leveraging FluxCD and Kustomize declarations for continuous deployment of containerized web applications.
- Integrated a localized, private Large Language Model (LLM) subsystem compatible with LM Studio, establishing secure offline AI processing interfaces.
- Configured comprehensive cloud observability, scheduled data backups via CronJobs, and a high-security encrypted Tailscale mesh network for zero-trust administration.

Front-End Portfolio Application

antonymperez.com

- Engineered a responsive Single-Page Application (SPA) leveraging React, Vite, and component-driven CSS Modules to showcase scalable front-end application architectures.
- Established test-driven product reliability parameters by building an automated unit and integration suite using Vitest and React Testing Library.
- Configured full CI/CD deployment logic using GitHub Actions to enforce strict build validation checks, code quality lint parameters, and automated production target releases.