Valentín Osorio

Software Engineer

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Website - LinkedIn - GitHub

I am a Software Engineer with +4 years of experience delivering product solutions. My tech stack is primarily Python, TypeScript, Java, Kubernetes and AWS. I enjoy owning features end to end: from system design and effort/cost estimation to AI-assisted implementation. I also focus on observability and mentoring other engineers. I am committed to building scalable solutions that align with business goals without compromising code quality.

Professional Experience

Software Engineer — Linqia

June 2025 - Present (1 yr 4 mos)

Responsible for designing, building and maintaining backend systems, frontend applications and data pipelines for an influencer marketing platform, powering creator discovery, qualification and campaign analytics across Instagram, TikTok and other social networks.

- Built the end-to-end integration between Marco, Linqia's AI copilot, and Discovery, persisting its answers and applying them as frontend filters so users can turn a natural-language question into a filtered creator list.
- Turned an unreliable, rate-limited TikTok ingestion pipeline into an explicitly budgeted one with per-endpoint quota allocation, capped concurrency and randomized-backoff requeues, keeping every creator in Discovery up to date without wasting a single API call.
- Increased the reliability and observability of the campaign creator data pipeline by designing and building from scratch, with AI assistance, a Kubernetes-hosted interactive Instagram scraper that bypasses anti-bot detection through rotating IP proxies, using retries, caching and provider fallbacks to keep costs under control.

Tools and Technologies: Vue.js, FastAPI, JavaScript, TypeScript, Python, AWS, Systems Design, Kubernetes, Playwright, Java, Cost Estimation, Effort Estimation, Project Planning, Mentoring.

Software Developer — Apside

June 2024 - June 2025 (1 yr 1 mo)

Responsible for developing and maintaining features across multiple frontend and backend microservices for insurance quoting tools used by sales executives.

- Optimized the identity validation flow to block quotes for users with restricted IDs and prevent executives from quoting for themselves, saving sales teams 20% of their time by discarding invalid quotes early.
- Implemented campaign-based discounts in the quoting flow, keeping it fast through caching and efficient data structures.

Tools and Technologies: Vue.js, FastAPI, AWS, AWS CodeBuild, AWS CodeDeploy, Docker, Python, TypeScript, Sass, TailwindCSS, Vitest, Cypress.

Frontend Developer — Unergy

October 2022 - June 2024 (1 yr 9 mos)

Responsible for developing and maintaining features of a web3 crowdfunding platform for solar energy projects, turning designs and requirements into interactive, user-friendly interfaces.

- Improved first-page load time by 30% through asynchronous loading and asset optimization.
- Collaborated with the backend and blockchain teams to integrate new features and led the implementation of several of them.
- Organized, using an agile approach, the development of a responsive dashboard with real-time measurement and profitability charts for institutional investors; it launched on schedule and was highly praised by key clients.

Tools and Technologies: Vue.js, Nuxt.js, Javascript, TypeScript, HTML, CSS, Amazon EC2, Sass, Vuex, Pinia, JWT, OAuth2, npm, Websockets, TanStack Query, Docker.

Education

Bachelor, Systems and Computer Engineering — UNAL

February 2018 - November 2023

GPA: 4.6 / 5.0