Alberto Obando Zúñiga

Software Engineer

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Software engineer experienced in backend and frontend systems, vulnerability assessments, CI/CD automation, and developer tooling. Based in Costa Rica — available for remote and hybrid roles.

Work Experience

Software Engineer · *Information Technology Support Nov 2023 — Present · Costa Rica · Hybrid*

- Conduct vulnerability assessments and drive remediation guidance.
- Design and implement web services APIs and integrations.
- Improve CI/CD pipelines, monitoring, and performance tuning to increase reliability.

Software Engineer · *Tebra Aug 2022 — Sep 2023 · Costa Rica*

- Contributed to backend APIs and integration points across Kareo & PatientPop product lines.
- Performed vulnerability assessments and supported remediation efforts.
- Collaborated with cross-functional teams to deliver features and improve product stability.

Software Engineer · *Kareo Jul 2021 — Aug 2022 · Heredia, Costa Rica*

- Debugged production issues, improved test coverage and delivered feature improvements.
- Worked on performance fixes and supported the QA/triage process.

Software Engineering Intern · *Kareo / Tebra Jan 2021 — Jul 2021 · Costa Rica*

- Supported debugging, testing and documentation; wrote test cases and assisted with troubleshooting.
- Adopted engineering best practices in a production environment.

Education

Tecnológico de Costa Rica — B.Sc. Computer Science *Cartago, CR · 2016–2021* Focus: software engineering, algorithms, signal processing. Capstone projects on web applications and audio processing.

ULACIT — Accounting Assistance Technician *San Jose, CR · 2020–2022* Applied accounting and small-business finance workflows supporting client billing and operations.

Saint Paul High School — Secondary Education Diploma *Alajuela, CR · 2011–2015*

Skills

- **Web & Development:** JavaScript (ES6+), Node.js, HTML, CSS, responsive & accessible design.
- **Frameworks & Tooling:** React (familiar), Eleventy, Esbuild, Sharp image pipeline, Playwright.
- **Automation & CI/CD:** CI/CD automation (GitHub Actions), CLI tools and scripts for testing, asset generation and deployments; AI-assisted tooling using OpenAI & Anthropic Claude.
- **Testing & QA:** Playwright E2E, accessibility audits, test generation.

Selected Projects & Highlights

- **TourisTICO:** Personal blog — design and front-end work, audience growth via social integration.
- **506 Lab Store:** E-commerce presence and product display improvements.
- **Performance & Image pipeline:** Implemented an image optimization pipeline (Sharp) and site performance improvements.