



LUIS RODRIGUEZ

SOFTWARE ENGINEER

Node.js | Go | Python | PostgreSQL | React.js | AWS

EDUCATION

HIGH SCHOOL

Bachillerato

SOFTWARE DEVELOPER

Instituto Nacional de Aprendizaje

WEB APPLICATION DESIGNER

Instituto Nacional de Aprendizaje

SOFT SKILLS

- Effective communication
- Teamwork
- Problem solving
- Adaptability
- Critical thinking
- Continuous learning

LANGUAGE

Spanish

English

SUMMARY

I'm Software Engineer with a strong foundation in backend technologies and a continuous drive to learn. Experienced in building microservices, implementing automated tests, and collaborating with cross-functional teams.



(506)70031154



rodriguezfallasluis@gmail.com



Alajuela, Alajuela, Costa Rica



GitHub: github.com/luroalfa

EXPERIENCE

SOFTWARE ENGINEER (AVACUS)

Full-time - Remote

Jan 2023 - Present

- Managed PostgreSQL databases and developed responsive, user-friendly web interfaces.
- Built RESTful APIs with Node.js and Golang, leveraging PostgreSQL as the primary data store.
- Architected and deployed microservices, including a billing system integrated with GTI, Costa Rica's electronic invoicing platform.
- Automated Slack notifications for real-time tracking of billing activities across organizations.
- Developed modular microservices for billing and user management, ensuring scalability and maintainability.
- Created internal tools and dashboards using React.js and Next.js, enhancing performance and user experience.
- Implemented end-to-end (E2E) testing using Playwright, validating middleware logic and UI interactions.
- Integrated Two-Factor Authentication (2FA) in multi-role login flows using time-based OTP for secure access.
- Enabled real-time push notifications using the Web Push API and Service Workers.
- Actively contributed to agile teams, participating in sprint planning, code reviews, and continuous delivery.

TECHNICAL SKILLS

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|----------------------------|---|
| • Frontend: | • Backend: |
| ◦ React.js | ◦ Node.js (Express), Go (Gin), Python (FastAPI) |
| • Tools & Testing: | ◦ PostgreSQL |
| ◦ Git | ◦ RESTful API Design |
| ◦ Playwright (E2E Testing) | ◦ Monolith, Microservices, Clean Architecture |
| ◦ Web Push API, Slack API | ◦ AWS, Docker |