Ilmar Francisco López Rosales

Senior Software Engineer

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SUMMARY

Senior Software Engineer with 8+ years of experience (since 2017). At Stori, a Mexican fintech, has worked across product and platform teams, from customer-facing features to architecture and finance integrations. Designs APIs and serverless services with Clean Architecture in Go and Python on AWS, and leads projects that cut costs and automate how software is built and shipped. Previously a full stack developer and technical lead building educational platforms.

SKILLS & LANGUAGES

Programming	Go, Python, TypeScript / JavaScript
Frontend	Vue, Nuxt, Tailwind CSS
Cloud	AWS (Lambda, API Gateway, EventBridge), serverless
Engineering	Clean Architecture, REST APIs, unit testing, observability and metrics, database design, Scrum
Languages	Spanish (native), English (technical/professional)
Interests	Artificial intelligence, IoT, information security, reading, hiking

EXPERIENCE

Senior Software Engineer
Oct 2021 – Present

Stori · Fintech

- Worked across product, architecture and finance integration squads, adapting quickly to new domains and codebases.
- Lead projects that reduce costs and automate processes across the software development lifecycle.
- Design and build backend services and REST APIs in Go and Python using Clean Architecture.
- Build serverless and event-driven workloads on AWS (Lambda, API Gateway, EventBridge), including scheduled jobs.
- Migrate services from Python to Go to improve performance and maintainability.
- Develop automation and internal developer tooling that streamlines how teams build and ship software.
- Integrate third-party and financial service providers, and contribute to the planning and design of new products.
- Monitor services in production and promote metrics and observability for web services.
- Write unit tests, review pull requests, document processes and services, and participate in Scrum ceremonies.

Full Stack Developer / Technical Lead
Sep 2017 – Oct 2021

Home & Media Products, LLC · Educational systems

- Provided architectural and design direction for the development of educational systems.
- Ensured code quality and healthy code review practices across the team.
- Controlled technical debt.
- Designed databases.
- Promoted collaboration and engagement within the team.

Frontend Developer
Apr 2017 – Jul 2017

California Web Design · Web design and development agency

- Developed new user-facing features and built reusable code and libraries for future use.
- Optimized applications for speed and scalability.
- Ensured all user input was validated before submission to the back end.
- Collaborated with team members and stakeholders.

EDUCATION

B.Eng. in Information Technology (Ingeniería en Tecnologías de la Información) · Universidad Tecnológica de Tijuana