




# RONIEL LOPEZ


## Software Project Leader


Software Project Leader at Mercado Libre with 12+ years of experience building resilient systems that scale. Expertise in leading teams, crafting high-availability software, and shipping products across fintech, e-commerce, and travel tech. CS Engineer with a thesis on AI-driven decision-making.

### CONTACT


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 roniel-lopez

### SKILLS

Java | Go | Python | Spring Boot | WebFlux | Node.js | Hibernate | R2DBC | React | Angular | TypeScript | Swift | HTML/CSS | Google Cloud | AWS | Docker | Kubernetes | Terraform | Jenkins | Ansible | Redis | PostgreSQL | MySQL | MongoDB | Microservices | RESTful APIs | Reactive Programming | Design Patterns | Clean Code | SOLID | CI/CD Automation | Agile | TDD | Performance Testing

### WORK EXPERIENCE

**Software Project Leader, Mercado Libre** **Montevideo, Uruguay** **Nov 2024 - Present**

- Lead a team of 7 engineers on fraud scoring systems processing 1B+ transactions/day across 8 LATAM markets.
- Drive fraud prevention contributing to ~\$1B USD in approval improvements, chargeback rates below 0.20%.
- Partner with Data Science to build detection models achieving 96-99% approval rates.
- Architect the technical roadmap for anti-fraud systems across multiple countries.

**Lead Software Engineer, Sabre GBL Inc** **Montevideo, Uruguay** **Oct 2021 - Nov 2024**

- Developed microservices in Java, including a reverse proxy with load balancing, throttling, and circuit breakers (Spring Boot/WebFlux).
- Designed and implemented performance test cases to ensure system reliability.
- Built an admin web app for the reverse proxy (Angular).
- Automated CI/CD with Jenkins and Ansible; deployed to GCP with metrics, dashboards, and Redis.
- Managed a team of 15+ developers, increasing productivity by 20% through mentorship.
- Implemented GCP-based self-healing, monitoring and alerting systems, achieving 99.7% uptime.

**Senior Software Engineer, Switch** **Montevideo, Uruguay** **Jan 2021 - Sep 2021**

- Developed microservices with Spring Boot to interface payment gateways with terminals and printers at Verifone.
- Enhanced and maintained a monolithic app built with Spring, adding new features and improvements.
- Designed and executed performance test cases to ensure system reliability and stability.
- Successfully migrated a web application from Angular.js to Angular 2, improving maintainability and performance.

**Commercial Manager, BANDEC** **Viñales, Cuba** **Jan 2016 - Dec 2020**

**Full Stack Software Engineer, XETID** **Habana, Cuba** **Mar 2012 - Nov 2015**

### EDUCATION

**Computer Science Engineer** **2010 - 2015**

University Of Informatics Sciences (UCI), Habana, Cuba

Advanced developer certified - level 3. GPA: 4.96

Thesis on "AI software tool for decision-making in feasibility analysis".

**Bachelor of Science, Camilo Cienfuegos Military School, Pinar del Río, Cuba** **2007 - 2010**

### ADDITIONAL INFORMATION

**Languages:** English (Advanced), Spanish (Native)