

# Romel Gomez

## Full Stack Developer

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## Summary

I will add to your team +10 years of experience building and implementing scalable systems and microservices. Experience with React, TypeScript, PostgreSQL, and API development with hands-on experience transitioning monolithic systems to service-oriented architectures. Always happy to collaborate with cross-functional stakeholders to deliver high-impact solutions aligned with business objectives.

## Technical Expertise

### Core Skills

- **Full-Stack Development:** Building scalable applications, front-end and back-end integration.
- **System Design:** Microservices architecture, API design, repository pattern implementation.
- **Database Management:** Schema optimization, data modeling, query performance.

### Technologies

- **Frontend:** React, TypeScript, NextJS, Angular, AstroJS.
- **Backend:** Golang, NestJS, Node.js, Python, GraphQL.
- **Databases:** PostgreSQL, MySQL, Firebase, MongoDB.
- **Search & Data:** Meilisearch, Prisma, Algolia.
- **Infrastructure:** Docker, AWS, Google Cloud, NX.dev, Pantsbuild, Bash.
- **Mobile:** React Native, Expo.

## Professional Experience

### Full Stack Developer | [Maergo.com](#)

Mar 2024 – June 2024 | Austin, TX · Remote · Contractor

Development and implementation of data processing systems:

- Developed Python scrapers with structured data models reflecting Databricks database architecture.
- Developed ETL (extract, transform, load) pipelines for airline data normalization and integration.
- Built scalable data loading solutions that reduced processing time by 85%, from one week to one day.

### Full Stack Developer | [2ULaundry.com](#)

Feb 2020 – Jan 2024 | Charlotte, NC · Remote · Full Time

Led technical transformation and engineering initiatives:

- Led the transition from monolithic to Service-Oriented Architecture.
- Developed a comprehensive mobile ecosystem comprising three React Native applications.
- Established engineering foundations implementing GitHub workflows, NextJS, and TypeScript.
- Created DevOps infrastructure with shell scripts and Docker to support legacy Python systems.

### Full Stack Developer | [Rextie.com](#)

Sept 2018 – Feb 2020 | Lima, Peru · On Site · Full Time

Led development and implementation of critical systems:

- Developed complete frontend infrastructure using Angular and TypeScript.
- Established project structure and coding standards for maintainable codebase.
- Led engineering teams in technical decisions and implementation strategies.
- Conducted root cause analysis and system improvements.
- Collaborated closely with product and design teams to align technical solutions with business objectives.

## Founder & Developer | MercadoChevere.com

Dec 2014 - Present | Maturin, Venezuela (Part-Time)

### Early Development:

- Designed and implemented core system components using Java (Spring MVC).
- Implemented repository pattern architecture (Controllers, Models, Services, Repository) for maintainable code organization.
- Created optimized database schemas for hierarchical data structures in PostgreSQL.
- Established project structure and coding standards for sustainable development.
- Integrated Algolia search engine with custom optimization, enhancing product discovery and user experience.

### Current Architecture:

- Redesigned and implemented a streamlined RESTful API in Golang, improving system performance and maintainability.
- Modernized frontend architecture using Astro with React.

## Education

### Professor of Informatics | University UPEL IPM

Aug 2016 | Maturin, Venezuela

## Additional Information

- **Languages:** Professional English and Native Spanish speaker.
- **Availability for Interviews:** Monday to Saturday, 8am-8pm Peru/Lima time (UTC-5) with prior confirmation.

## Soft Skills

I am a caring person who listens well and works great with others. I stay calm when things get difficult and understand how people feel. I am reliable and can adjust to new situations quickly. I respect different cultures and stay positive. I help solve problems and fix disagreements. I truly enjoy helping others and making things better.