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

Led development and implementation of data processing systems:

- Implemented 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 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), creating binary tree structures for efficient product categorization

- 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 Friday, 8am-8pm Peru/Lima time (UTC-5) with prior confirmation.