

Julio Gonzalez

Senior Software Engineer · Guatemala (GMT-6)

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PROFILE

Senior Software Engineer with 10+ years of experience in software architecture, system design, and full software development lifecycle (SDLC), delivering scalable, high-performance applications in fast-paced environments.

Strong expertise in backend and full-stack development using Node.js, TypeScript, and AWS (Lambda, API Gateway, S3, MongoDB, RDS). Proven work on large-scale systems including eCommerce platforms and conversational commerce applications. Experienced in designing microservices architectures, RESTful APIs, and cloud-native solutions with a focus on scalability, reliability, and performance.

Expertise using CI/CD, Docker, Git, automated testing, frontend development using React, and Agile/Scrum methodologies. AI-assisted development with emphasis on problem definition, requirements analysis, and human-AI collaboration delivering efficient, and high-quality solutions.

EMPLOYMENT HISTORY

Buk, SPA. (buk.cl) — Santiago, Chile (Remote)

Senior Backend Engineer · June 2026 – September 2026

Buk is a HR and Finance Software that automates processes, centralizes people management, and transforms data into strategic information.

- As part of the Workflows team, contributed to new features and bug fixes across the main platform, working with React on an established frontend application and Ruby on Rails in a complex production monolith. Delivering production changes, troubleshooting issues, and improving existing functionality. Demonstrated adaptability maintaining reliability, and code quality.
- Integrated AI-assisted development using Claude into daily workflows, reducing development time and improving solution quality by combining structured problem analysis with AI-driven code generation and iteration.

Tech stack: Ruby on Rails, React

Yalo, Inc. (yalo.ai) — Mexico (Remote)

Senior Backend Engineer · June 2021 – March 2026

Yalo is an AI Conversational Commerce platform that operates in 10+ countries in North and South America. Enables customer acquisition through WhatsApp bots, Facebook Messenger, and others.

- Achieved a reduction in API development time, taking it from 1 month to 1 week per client.
- Improved platform processes with Express.js, message queues, and asynchronous event-driven APIs to accommodate a user base of 200,000 active users.
- Reduced bug reports post-release by 30% by implementing Jest test suites in a Node.js environment.
- Led key backend integrations for our largest clients with Node.js and TypeScript resulting in a 4x increase in customer satisfaction within a two-year period.
- Integrated AI-assisted development into daily workflows, reducing development time and improving solution quality by combining structured problem analysis with AI-driven code generation and iteration.

Tech stack: Node.js, TypeScript, Lua, Jest, Joi, MongoDB, GraphQL, AWS, GCP, Claude, GitHub Copilot, Cursor

Independent Software Engineer — Guatemala (Remote)

Full-Stack Developer · December 2019 – 2021

My portfolio of clients included ERP system companies, MedTech apps, sustainability, and Single Page Applications (SPAs).

- Increased ERP data transfer efficiency by 70% by using PHP and Node.js scripts for internal data analysis to fast-track processes.
- A web application for route management, presence tracking, and time management per visit for a CRM, using React and NestJS as the backend.
- Provided support and customizations to a wide variety of projects with Node.js, TypeScript and Symfony. (sementemg.org)
- Implemented WordPress themes and plugins, using Blade engine.

Tech stack: React, NestJS, Node.js, PHP, Laravel, Symfony, WordPress, HTML, CSS, AngularJS, jQuery, PostgreSQL, MySQL, AWS

PideloRapido — New York & Guatemala (On-site)

Lead Software Engineer · November 2014 – December 2019

PideloRapido was a large-scale online shopping platform and hybrid app fully integrated with eBay and Amazon to facilitate product delivery to Latin American and Caribbean countries.

- Assigned to eBay's New York City office to lead the integration of PideloRapido's platform with their APIs, achieving a fully integrated process in less than 6 months leading to a 120% increase in our customer base.
- Designed and developed custom REST APIs built with Node.js, Symfony, and AWS to accommodate over 160M products available on our web page.
- Led the standardization of infrastructure processes which reduced deployment errors by 70% with the use of Terraform, AWS, and GCP.
- Enhanced the performance and reliability of our web and mobile applications with proactive maintenance and new features, reducing loading times by 90%.
- As a Team Lead, I hired and managed a team of two engineers. I was in charge of onboarding, and ongoing support in their roles the project objectives. I was responsible for specifying and defining project requirements, ensuring alignment across all teams to drive the project's success. I emphasized clear communication, technical guidance, and creating a collaborative environment.

Tech stack: Node.js, Express.js, Loopback, Handlebars, PHP, Symfony, Terraform, Sequelize, AWS, GCP, HTML, CSS, Twig, Blade, Redis, ArangoDB, MySQL, Ionic Framework, AngularJS, jQuery

EDUCATION

- **UNIS Business School, Guatemala** — Master of Business Administration, 2021
- **San Carlos University, Guatemala** — Bachelor in Software Engineering and Computer Science, 2017

STACK & SKILLS

Backend: Node.js, TypeScript, JavaScript, PHP, Symfony, Laravel, Ruby, Ruby on Rails, GraphQL, Jest

Frontend: React, Vue, Tailwind, HTML, CSS, jQuery, WordPress

Data & Messaging: MySQL, MongoDB, Redis, RabbitMQ, Sequelize, Doctrine

Cloud & DevOps: AWS, GCP, Docker, Terraform, Vagrant, VirtualBox, Linux, Git

LANGUAGES

- **English:** Highly Proficient, TOEFL C1
- **Spanish:** Native