



Antonio González Morales

Backend Developer / Automated QA Engineer

Contact Information

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Driver's License: Yes

Open to Relocation: Yes

Professional Summary

Backend Developer and QA Engineer with extensive experience in scalable web development, cloud-based architectures, and automated quality assurance. Skilled in modern technologies like Node.js, NestJS, and Google Cloud Platform to design robust systems. I strive at improving system performance, ensuring high availability and security and automating testing processes.

Technical Skills

- **Programming Languages:** JavaScript, TypeScript, SQL, HTML, CSS, MySQL
- **Frameworks:** Node.js, NestJS, TypeORM, Angular, Bootstrap, Express.js
- **Cloud Platforms:** Google Cloud Platform (Cloud Run, CI/CD Pipelines, Metrics...), App Store, Play store
- **Testing Tools:** Playwright
- **Development Methodologies:** Agile, Scrum
- **Other Technologies:** REST APIs, JWT Authentication, Swagger

Professional Experience

Backend Web Developer

Delcom International Ltd.

January 2024 - Present

- Developed and maintained scalable backend solutions using Node.js and NestJS.
 - Data handling, interceptors, validators, middleware, guards...
- Designed and implemented RESTful APIs with secure JWT-based authentication.
 - Creation of public and private CRUD endpoints with enhanced security for pentesting and other techniques, implemented RBAC.
- Optimized database performance with TypeORM and SQL, improving query efficiency.
- Design and implementation of features and new functionalities with domain driven design.
- Automated QA processes using Playwright, reducing manual testing effort by 80%.
 - Regression coverage
 - New feature implementation
 - Backend unit testing

Cloud DevOps / QA Engineer

Delcom International Ltd.

November 2022 - December 2023

- CI/CD pipelines for deployment via github or bitbucket.
 - Managed cloud resources on Google Cloud Platform, focusing on cost optimization and scalability.
 - Conducted detailed metrics analysis to identify performance bottlenecks and propose solutions, testing the system for stress testing, load testing and several more techniques.
 - Identify causes of bugs via the browser and full control of the inspector in the browser.
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Academic Background

- **Master's in Data Science for Business**
ENAE Business School
October 2021 - July 2022
- **Bachelor's in Business Management and Administration**
Universidad Católica San Antonio de Murcia
September 2018 - July 2021

Languages and Soft Skills

- **Languages:** spanish (native), english (C1 proficient)
- **Soft Skills:** team leadership, teamwork, adaptability, problem solving, initiative, creative thinking, effective thinking, teaching capability and empathy.