


RUBÉN DÍAZ DUGO

Software Developer

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About me

I am a software developer from Córdoba, Spain, driven by a curiosity about how things work. I prioritize productivity and best practices in my work, always seeking efficient and effective solutions. I enjoy meeting new people, discussing different viewpoints, and exploring new ideas. Outside of work, I have a passion for cooking and spending time in the countryside.

Education and awards

Higher Degree in Multiplatform Application Development, IES Trassierra 2022 – 2024

- Java, Android Apps development, Spring Ecosystem, .NET Ecosystem, Data Structures and Algorithms, JavaScript, Python, Docker, Git

Experience

Iconos Software SL - Software Developer March 2024 - Present

- I work on the creation of microservices around our ERP system using ASP.NET technology. These microservices are designed to meet the specific needs of each company and are integral to the ERP's functionality.
- I develop an API to generate QR codes using third-party libraries and custom content. This API, integrated into the company's invoicing system, is used by a company with over 400 employees and processes an average of 200 QR codes daily, enhancing their operational efficiency.
- I implement an API to capture photos and delivery notes, integrating it into our ERP system through a web page I develop with ReactJS and Typescript. This mobile-first, responsive web page supports a company with 30 users, handling over 120 photos and delivery notes each day to streamline their documentation processes.
- I improve the performance of a legacy system from 2003 used by a non-profit organization, originally built in Windows Forms, by 70%. This enhancement is achieved through the integration of Dapper for optimized data access and query execution, significantly increasing the system's efficiency and responsiveness.
- I migrate 40% of the ERP system to a modern web application using Blazor and .NET 8, along with Entity Framework. This migration involves transitioning over 50 critical modules and integrating with existing databases to enhance functionality and performance. The updated application now supports more than 150 users, improving response times by 60% and streamlining user interactions.

Development and Maintenance of Services with Java and Spring Boot

- I have developed RESTful APIs and microservices using Java and Spring Boot, efficiently integrating external systems. I implemented security with Spring Security and JWT, and conducted unit testing with JUnit and Mockito to ensure code quality.
- Additionally, I identified and fixed bugs and errors to ensure the smooth operation of the developed systems.
- I create a REST API for an education system managing courses, students, and teachers as part of a team of 2. This API is developed using Java and Spring Boot with JWT for authentication. I test the API thoroughly with Postman to ensure its functionality and reliability.

Languages

- Spanish - Native
- English - Professionally

Soft Skills

- Strong product thinking.
- Agility to swiftly adapt to evolving situations
- Desire to remain up to date with the latest technologies.
- Team player