

Alberto Roque Carrizo Fernández

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Introduction

I am an experienced software engineer with a pragmatic approach, valuing simplicity in solutions. Highly independent and adept at self-learning, I seek opportunities to deliver genuine value to clients and society. Aside from coding I also share my insights and experiences through tech articles on my personal blog.

Skills

.NET C# Azure SQL Elasticsearch Git JavaScript Docker Microservices GraphQL SASS Powershell Grafana

Experience

2018-2022 | **Senior Backend Engineer** at NEOCLES (B2B e-commerce platform for fashion)

- Designed and built high-performance e-commerce APIs for thousands of concurrent users.
- Managed releases and maintenance for 5 segregated client production environments.
- Developed backend services receiving 10M+ import messages daily from external systems.
- Led upgrade and configuration of 30+ Elasticsearch servers, saving thousands of euros monthly.
- Worked directly with clients conducting fit-gap analyses to integrate new services and features.
- Used .NET C# SQL Elasticsearch Azure Angular AKS .

2017-2018 | **Fullstack Developer** at INVESTEL (fleet management system)

- Led development of an AngularJS management application for internal use.
- Worked with designer on implementation of new Angular frontend for existing application.
- Evolved into a fullstack developer role, implementing new features and addressing backend bugs.
- Implemented and documented OAuth service for external client authentication.
- Used AngularJS C# SQL .NET Framework .

Projects

2022-Present | **Ship Navigation Application** WinUI3 C# .NET

- Designed and build Windows desktop application based on clients requirements.
- Integrated with Automatic Identification Systems (AIS) via serial port connection.

2023 | **Portfolio Website: roquec.com** Jekyll JavaScript SASS

- Developed custom SASS styling to imitate Visual Studio Code look.
- Created JavaScript solution for smooth SPA-like state through page navigations.
- Automated deployments, Lighthouse testing and reporting using GitHub Actions and Powershell.

Education

2019 | **Microsoft Exam AZ-400** Designing and Implementing Microsoft DevOps Solutions.

2011-2016 | **Bachelor's degree, Computer Software Engineering** from University of Oviedo, Spain.

Languages

English (Full professional proficiency) and **Spanish** (Native).