

# CARLOS TOCINO

SOFTWARE ENGINEER

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charliebacon.dev

## PROFILE

Highly motivated engineer with 7+ years of experience in designing, developing, deploying and maintaining web and desktop applications. Skilled in various technologies and with a wide experience in team-oriented development projects and agile methodologies. Passionate about facing new challenges, learn new tools and keep growing as a professional.

## EDUCATION

2012 - 2018

UNIVERSIDAD DE CÁDIZ

Bachelor's Degree in Computer Engineering

## WORK EXPERIENCE

### July 2024 - PRESENT

DataBeacon S.L. | Madrid, Spain

#### Software Engineer

- Part of the core development team of all DataBeacon tools, software solutions written in Rust, Typescript and Python which improves the efficiency of the air traffic control process. Taking an active role from architecture design to development.

### December 2023 - July 2024

PayRetailers S.L. | Barcelona, Spain

#### Software Engineer

- Development of secure payment gateway integrations in .NET Core 8.0. Successfully integrated several partners with the consequent achievement of PCI DSS compliance certificate.

### June 2022 - December 2023

Navantia S.A. | San Fernando, Spain

#### Software Engineer

- Design and implementation of critical, high-performance user interfaces for the F110 frigate's combat systems of the Spanish Navy, using C++ and the Qt Framework.

### July 2018 - June 2022

Isotrol S.A. | Sevilla, Spain

#### Full-Stack Developer → Technical Team Lead

- Full-Stack development of renewable energy plant SCADAs. Successfully integrated more than 10 plants, from business development in .NET/C# to UI/UX design and implementation in JavaPages Server and JavaScript.
- Besides these technical tasks, which I continued handling, in my last year at Isotrol, I assumed the management and mentoring of a team of developers, implementing best practices in knowledge sharing, collaboration, code reviews, and reliability.

## SKILLS

- Systems level programming
  - Rust
  - C/C++
  - Zig
  - C#
- Web oriented languages and libraries
  - Typescript
  - React
  - CSS
- DevOps & infrastructure tools
  - Docker
  - Kubernetes
  - Nix
- Cloud services
  - AWS
  - Vercel
- Data structures & algorithms
- SQL and No-SQL databases
- Linux

- Fast learning
- Leadership
- Effective Communication
- Critical Thinking

## LANGUAGES

- Spanish
- English