

João Torres *Backend Engineer*

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Final-year Computer Science student focused on backend development with .NET, C# and Golang. Experience acquired through building real projects involving REST APIs, database-driven systems, and backend services. Solid knowledge of software architecture, clean code principles, and relational databases. Looking for a backend-oriented internship where I can contribute to real projects and grow in a production environment.

SKILLS

Backend — C#, .NET Core / .NET, REST APIs, Entity Framework Core, LINQ, ASP.NET MVC, DDD basics.

DevOps & Tools — Git, Docker, Postman, VS Code, Rider, Linux basics.

Databases — SQL Server, PostgreSQL, MongoDB.

Frontend — React, TypeScript, Tailwind, Blazor.

PROJECTS

C# To Typescript DTO Converter Tool

C# · .NET · Blazor · TypeScript · Razor.

- Built a tool that automatically converts C# data models to TypeScript interfaces, enabling type-safe sharing between backend and frontend.
- Implemented parsing logic, syntax mapping rules, and custom UI using Blazor.
- Reduced repetitive manual work for model creation between frontend and backend.

E-Commerce Car Rent Shop

C# · .NET Core · EF Core · Fluent API · DDD · React · TypeScript · PostgreSQL · Supabase

- Developed a fullstack car rental platform with authentication, vehicle management and booking workflows.
- Implemented REST endpoints, data models, validation layers, and database schema using EF Core and Fluent API.
- Built the frontend with React and TypeScript, integrating with Supabase.

EDUCATION

Bachelor's Degree in Computer Engineering

10/2023 – Present

ISTEC- Instituto de Tecnologias Avançadas de Lisboa.

Relevant coursework: Software Engineering, Web Development, Databases, Algorithms.

PROFESSIONAL EXPERIENCE

Automation Intern

03/2022 – 07/2022 | Lusosíder Seixal

Lusosíder

- Gained experience with sensors, controllers, and data collection systems.
- Assisted in the maintenance of automated machine systems.