

# João Torres Backend Engineer

✉ medinact111@gmail.com ☎ +351 961073504 ↗ joaotorres.vercel.app

LinkedIn <https://www.linkedin.com/in/joao-carlos-torres/> GitHub [github.com/Torres116](https://github.com/Torres116)

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.

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## SKILLS

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**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.

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## PROJECTS

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### 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.

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## EDUCATION

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### Bachelor's Degree in Computer Engineering

10/2023 – Present

ISTEC- Instituto de Tecnologias Avançadas de Lisboa.

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

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## PROFESSIONAL EXPERIENCE

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### 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.