João Pedro Astolfi

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Merchant marine officer with 6 years of experience in a leadership position working alongside a multicultural crew, including European, Asian and South American colleagues. Interested in stock markets and investing. I like to think of myself as someone with analytical thinking who can easily identify patterns and has a long-term view on things.

Native Portuguese, fluent English (Cambridge Advanced Exam Grade A - Level C2) and intermediate Italian. Holder of a Brazilian and an Italian citizenship.

Main stacks:

- C#   - .NET Core / ASP .Net Core   - Blazor   - Javascript
- Node.js   - Entity Framework Core   - SQL   - MySQL
- TypeScript   - Microsoft SQL Server   - Docker   - Express
- Sequelize   - Git   - GitHub   - xUnit
- Jest   - Mocha   - Chai   - Sinon

Main projects:

- **Blazor blog:** Fullstack application of a blog using several Blazor and ASP .Net Core concepts, including but not limited to authorization, entity framework and conditional rendering.
    - GitHub Repository
    - **Stacks used:** Blazor, Bootstrap, C#, .NET, ASP .Net Core, Entity Framework Core, Microsoft SQL Server, Docker.

- **Bets API:** RESTful API of a sports bets website. The main goal of this project was to migrate an already implemented API from a monolithic architecture to a microservice one, using Docker to divide the application based on its entities.
    - GitHub Repository
    - **Stacks used:** C#, .NET, ASP .Net Core, Entity Framework Core, Microsoft SQL Server, Docker, JWT, Microservices architecture

- **Hotel Booking Manager API:** RESTful API with CRUD operations for managing hotel bookings, including Nominatim geo location to indicate the closest hotels.
    - GitHub Repository
    - **Stacks used:** C#, .NET, ASP .Net Core, Entity Framework Core, MySQL / MS SQL Server, Docker, JWT, xUnit.
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- **Futebol clube:** RESTful API with CRUD operations for a soccer league championship
    - GitHub Repository
    - **Stacks used:** JavaScript, Node.js, Express, Docker, Sequelize, MySQL, JWT, tests with Jest, Mocha, Chai and Sinon.

WORK EXPERIENCE

Mar 2020 – Dec 2022 | Second Officer at Knot Offshore Partners
Second officer responsible for testing and maintaining the bridge equipment, navigation and passage planning, hospital inventory and orders, company and charterer reporting and publication updating onboard.

Main achievements
- 10-year dry docking of the vessel in the Lisnave Shipyard located in Setubal, Portugal.
- Got stranded on the vessel for four months during the COVID-19 outbreak. Managed to keep the vessel operational together with the vessel's high command.

Jul 2018 – Mar 2020 | Third Officer at Knot Offshore Partners
Third officer responsible for the maintenance and testing of life saving appliances onboard. Experience with international crew performing deck work, tests and inspections, watches, loading and discharging operations, maintenance and overhauling.

May 2016 – Oct 2016 | Duty Manager at CE Facilities Services, Olympic and Paralympic Village, Rio de Janeiro
After being promoted to Duty Manager, I started managing the housekeeping services of 6 buildings, 408 apartments in total. I was also responsible for stock ordering, laundry services and
operations, staff training and had frequent meetings with directors from England, United States, Australia and Scotland.

Apr 2016 - May 2016 | Administrative Assistant at CE Facilities Services, Olympic and Paralympic Village, Rio de Janeiro
As an administrative assistant, I registered the progress of the housekeeping services, monitored and registered the sign in and sign out of the staff and reported maintenance issues in the village's apartments.

EDUCATION

2024 | **Full Stack Web Development** from Trybe
1.500-hours course focused on fundamentals of web development, front-end, back-end, computer science, software engineering, agile methodologies and soft skills. Specialisation in C#/.Net back-end development.

2023 | **Module - Computer Science** from Trybe
Algorithms and complexity, Data structures and problem solving, Python and object-oriented programming.

2023 | **Module - Back-end Development** from Trybe
Docker, MySQL, Node.js, Express, unit and integration testing with Mocha, Chai and Sinon, TypeScript, Layered Architecture, REST, JWT, ORM with Sequelize, Deployment, OOP and SOLID principles.

2023 | **Python 3 Intermediate** from Codecademy

2023 | **Learn Python 3** from Codecademy

2023 | **Module - Front-end Development** from Trybe
React including componentes, Events and State, Controlled, Lifecycle, Router, Tests with RTL, Redux with React, Context API and React Hooks.

2023 | **Module - Fundamentals of Web Development** from Trybe
Bash, Unix, Git, JavaScript, HTML5, CSS, ES6, Javascript Unit Tests

2016 | **BA in Nautical Science** from Escola de Formação de Oficiais da Marinha Mercante (Brazil)

VOLUNTEERING

2023 | **Lisbon Web Summit - Operations and Investors Team**

2016 | **SOZED - Animal rights and welfare**

2013-2019 | **Lions Club International**