

# João Pedro Astolfi

Lisboa, Portugal

Phone: +351 913 888 157 | E-mail: [jpastolfi@gmail.com](mailto:jpastolfi@gmail.com) | [www.linkedin.com/in/jpastolfi](http://www.linkedin.com/in/jpastolfi) | <https://github.com/jpastolfi> | <https://jpastolfi.dev>

Full stack developer with experience in building and maintaining scalable web applications. Transitioned from a leadership role in the merchant marine to software engineering, bringing strong problem-solving skills, adaptability, and a results-driven mindset. I like to think of myself as someone who is curious, proactive and always eager to learn something new, whether it's within the IT field or not.

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

## Main stacks:

- **Java:** Spring (Boot, Web, Data, Security), Hibernate, JWT, JUnit, Mockito, H2, TestContainers, query methods, Envers, Auditing, event listening, Flyway, Lombok, OpenFeign, microservices.
- **Javascript:** React, Angular, Node.js, Sequelize, Prisma, Jest, Mocha, Chai, Sinon, Express, Next.js, Clerk.
- **Other tools:** TypeScript, MySQL, Microsoft SQL Server, MongoDB, Docker, Git, GitHub, GitLab, Azure, Supabase, Tailwind.

---

## WORK EXPERIENCE

---

### May 2025 – December 2025 | Full stack Developer at Mootiva/CTT

Full stack developer currently working at Correios de Portugal developing sorter services and integrating different softwares and hardwares (cameras, transport chutes) using Java/Spring (Boot, Web, Data, Security) and React for building user-friendly interfaces to interact with the equipment. Built microservices using Open Feign for REST clients, OpenAPI for API documentation and ActiveMQ as a broker for publishing/subscribing.

### Sep 2024 – May 2025 | Full stack Developer at Build Up Labs, Lisbon, Portugal

Full stack development in Build Up Labs, a startup incubator. Focused on the startups [AskCory](#), an AI-driven marketing assistant designed to streamline the process of creating and implementing effective marketing strategies for startups, freelancers, and small to medium businesses; and [CounterPharma](#), a digital platform designed for pharmacy professionals, offering tools for pediatric dose calculation, vaccination schedule management, product comparison, and quick product lookup to support safe and efficient pharmaceutical care. Mainly worked with Next.js, React, Node.js, Tailwind, Supabase and other frameworks/libraries as needed. Developed functionalities and fixes for daily improvements and for white label as requested by other companies.

### 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.

---

### PERSONAL PROJECTS

---

- **Home Away:** Airbnb-like full stack application developed using Next.js, React, Node.js, Tailwind, Shadcn.ui, Clerk, Prisma and Supabase.
  - [GitHub Repository](#)
  - **Stacks used:** Next.js, React, Node.js, Tailwind, Shadcn.ui, Clerk, Prisma and Supabase.
- **Farm management API:** Restful API created using Java, Spring and JUnit. Composed of three entities used for the management of farms, crops and fertilisers, including one-to-many and many-to-many associations, GET, POST, PUT and DELETE methods, authentication and authorization using JWT.
  - [GitHub Repository](#)
  - **Stacks used:** Java, Spring Web, Spring Data, Spring Boot, Spring Security, JWT, SpEL, JUnit, Mockito, MySQL, Docker.
- **Futebol clube:** RESTful API with CRUD operations for a soccer league championship developed using Node.js and Express.
  - [GitHub Repository](#)
  - **Stacks used:** JavaScript, Node.js, Express, Docker, Sequelize, MySQL, JWT, tests with Jest, Mocha, Chai and Sinon.

---

### EDUCATION

---

2024 | **Module - Specialisation in Java/Spring back-end development** from [Trybe](#)  
Spring Boot, Spring Web, Spring Data, Hibernate, Spring Security, JWT, JUnit, Mockito, H2, TestContainers, query methods, Envers, Auditing, event listening.

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.

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

---

### VOLUNTEERING

---

2024 | **WWF (World Wide Fund for Nature)**  
2023 | **Lisbon Web Summit - Operations and Investors Team**  
2016 | **SOZED - Animal rights and welfare**  
2013-2019 | **Lions Club International**