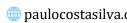
Paulo Costa Silva

Senior Software Engineer with over 9 years of experience building scalable, efficient, and impactful web platforms across banking, retail, and scientific domains. Proven leadership in agile environments-mentoring teams, optimizing architectures, and delivering highperformance solutions that reduce operational costs and enhance user experience. Passionate about modern front-end frameworks and clean, maintainable code.



📍 Lisbon, Portugal 🛾 🔯 pauloalexandreduartesilva@gmail.com 💢 paulocostasilva.com



Work Experience

Senior Engineer

Critical Software

April 2022 – Present

Lisbon, Portugal

Key Achievements:

- Designed and implemented advanced web interfaces for an international scientific and technology research project, improving data visualization and usability.
- Built and optimized critical modules for a luxury fashion e-commerce platform, reducing processing time by 30% and operational costs by 20%.
- Led sprint planning, requirements analysis, and technical mentoring of junior developers, contributing to a 25% improvement in team delivery speed.

Tech Stack: TypeScript, React, Next.js, NestJS, MobX, Zod, Tailwind CSS, Material UI, Plotly, Cypress, Jest, Git

Software Engineer

Eximbills Technologies

January 2016 - April 2022

Lisbon, Portugal

Key Achievements:

- Maintained and enhanced Eximbills Enterprise, a trade finance automation suite compliant with SWIFT, UCP, and ISO20022 protocols.
- Automated transaction auditing and processing, decreasing client operational costs by up to 40% and increasing system accuracy.
- Took initiative in team coordination, stakeholder engagement, and internal training sessions, strengthening project alignment and knowledge sharing.

Tech Stack: JavaScript, React, HTML, CSS, XML, Git

Education

Master's Degree in Informatics Engineering

University of Coimbra

2013 - 2015

Bachelor's Degree in Informatics Engineering

University of Coimbra

2008 - 2013

Technical Skills

Frontend

React, JavaScript, TypeScript, Next.js, HTML, CSS

Backend

NestJS, Node.js.

State Management & Validation

Context API, Redux, MobX, Zustand, Zod

Testing/QA

Cypress, Jest, React Testing Library

UI Libraries

Tailwind CSS, Material UI, Shadon, Plotly

Dev Tools

Git, ESLint, Prettier, JIRA, Confluence

Other

Agile development, Linux environments, Problem-solving, Leadership, Mentoring

Languages

Portuguese

Native

English

Advanced (Professional Proficiency)