

Paulo Costa Silva

Senior Engineer

Highly skilled Senior Software Engineer with over 9 years of experience delivering innovative, scalable, and efficient software solutions. Proven track record in leading multidisciplinary teams and developing high-impact systems in banking, retail, and scientific sectors. Adept at leveraging cutting-edge web technologies, including React, TypeScript, and Next.js, to optimize performance and achieve business goals.

 Lisbon, Portugal  pauloalexandruartasilva@gmail.com  paulocostasilva.com

Work Experience

Senior Engineer

Critical Software

April 2022 – Present

Lisbon, Portugal

Key Achievements:

- Engineered advanced software interfaces to manage data and operations for a high-profile international research and technology initiative.
- Developed critical modules for an online luxury fashion platform, leading to reduced operational costs and improved partner performance metrics.
- Led requirements analysis, project planning, and task prioritization while mentoring team members to ensure technical excellence.

Technologies: TypeScript, React, NestJS, Next.js, MobX, Zod, Material UI, Plotly, Jest, Cypress, Tailwind CSS, Git, ESLint, Prettier.

Software Engineer

Eximbills Technologies

January 2016 – April 2022

Lisbon, Portugal

Key Achievements:

- Enhanced and maintained Eximbills Enterprise, a trade finance automation system aligned with SWIFT, UCP, and ISO20022 standards.
- Reduced client transaction processing costs through real-time automation and auditing.

- Assumed leadership roles in task allocation, team training, and managing stakeholder expectations.

Technologies: React, JavaScript, 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

Programming Languages & Frameworks

React, JavaScript, TypeScript, NestJS, Next.js, Cypress, Jest, HTML, CSS.

Development Tools

Git, JIRA, Confluence.

Methodologies & Competencies

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

Languages

Portuguese

Native

English

Advanced (Professional Proficiency)