

# 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 high-performance solutions that reduce operational costs and enhance user experience. Passionate about modern front-end frameworks and clean, maintainable code.

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## 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, Shadcn, Plotly

### Dev Tools

Git, ESLint, Prettier, JIRA, Confluence

### Other

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

## Languages

### Portuguese

Native

### English

Advanced (Professional Proficiency)