

# WERLITON CARLOS SOUSA DA SILVA

## Software Engineer | Frontend Specialist

Frontend Developer with over 10 years of experience in creating scalable, high-performance applications focused on delivering the best user experience. Specialist in React.js, TypeScript, and frontend architecture, with a proven track record in technical leadership, delivering high-impact solutions, and effectively collaborating with multidisciplinary teams. Passionate about technology, innovation, and technical excellence. Always open to learning, evolving, and actively contributing to the success of products and teams.

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## PROFESSIONAL EXPERIENCE

### Software Development Coordinator *Serasa Experian* (Nov 2023 – Mar 2025)

- Led the Frontend Chapter, standardizing practices that reduced bugs by 40% and increased team efficiency.
- Mentored 8 developers in agile practices and code reviews.
- Facilitated technical meetings to align design and performance standards in the frontend.
- Provided technical support to the Customer Support team.
- Automated deployments with CI/CD, reducing delivery time by 30%.

### Software Engineering Specialist *Serasa Experian* (Jul 2022 – Nov 2023)

- Implemented observability using Dynatrace, optimizing error detection by 25%.
- Created boilerplates that reduced development time by 20%.
- Architected robust Microfrontends using React and TypeScript.
- Developed unit tests with Jest and Testing Library to ensure code coverage above 90%.
- Led pair programming and code reviews focusing on continuous improvement.
- **Technologies used:** AWS (S3, EC2), Docker, Jenkins, SonarQube, Dynatrace, Design System, PostgreSQL, NodeJS, MongoDB, SOLID, KISS, YARN

### Senior Frontend Engineer *GFT Technologies (assigned to Localiza)* (Oct 2021 – Jul 2022)

- Developed Microfrontends that enhanced team autonomy.
- Advanced performance monitoring using Datadog and SonarCloud.
- Provided technical mentorship for developers, contributing to complex projects.
- **Technologies used:** TypeScript, Redux, Testing Library, Docker, Jenkins, Sonar, Datadog, AppDynamics, Logstash, Kibana, SQL Server, Sybase, MUI, Scrum, Gitflow

### Frontend Engineer *GFT Technologies (assigned to Localiza)*, Nov/2020 – Oct/2021

- Maintenance of a legacy application in AngularJS, ensuring stability and compatibility.

- Transitioned the legacy application to a new Microfrontend, promoting greater scalability and autonomy.
- Developed new components using Material UI, React, and Redux Toolkit, improving user experience and development efficiency.

**Senior Frontend Developer** *Verx Tecnologia e Inovação (assigned to Serasa Experian)*, May/2021 – Jun/2022

- Designed and developed an interactive data interface using D3.js, OpenLayers, and GeoServer.
- Implemented dynamic maps for geospatial data visualization, optimizing performance by up to 40%.
- Built modular architecture with Redux Toolkit, React Query, Socket.io, and GraphQL.
- **Technologies used:** TailwindCSS, Next.js, Context API, GeoServer, Figma, NPM Private Libs, AWS (S3, EC2), PostgreSQL, Node.js, Mongo.

**Specialist Frontend Developer** *Verx Tecnologia e Inovação (assigned to DASA)*, Oct/2020 – Apr/2021

- Maintained and improved administrative systems in React with Redux.
- Advanced monitoring with Elasticsearch, Kibana, and APM to ensure platform stability.
- Created unit tests with Jest and Testing Library, achieving over 80% code coverage.
- **Technologies used:** React, Redux, Context API, Material UI, Docker, AWS, Elasticsearch, Jest, Testing Library.

**Tech Lead** *Universidade Ceuma*, May/2019 – Nov/2020

- Led a multidisciplinary team on distance education projects.
- Developed and maintained critical systems with React and Docker, increasing efficiency by 25%.
- Provided technical coordination and adopted new tools to optimize workflows.
- **Technologies used:** TypeScript, Redux, Styled Components, Jenkins, Jest, Testing Library, AWS, React Native.

**FullStack Developer** *Universidade Ceuma*, Jun/2016 – Apr/2019

- Provided support and enhancements for Moodle and digital learning tools.
- Developed functionalities in React, contributing to back-end system integration.
- **Technologies used:** Moodle/WordPress, React, React Native, Firebase, Google Analytics, Java, PHP, Git.

## EDUCATION

**UFMA - Federal University of Maranhão** Bachelor's Degree in Computer Science (2012 – 2018)

**Technologies & Skills**

- **Frontend:** React.js, Next.js, Redux, Context API, TypeScript, Atomic Design, Microfrontend, Angular
- **Styling:** CSS3, TailwindCSS, Styled Components, SASS
- **Testing:** Jest, Testing Library, Cypress
- **Infrastructure & DevOps:** Docker, Kubernetes, Jenkins, CI/CD, AWS, Azure
- **APIs & Back-end:** GraphQL, RESTful APIs, Node.js, Express
- **Monitoring:** Datadog, AppDynamics, Elasticsearch, Kibana, Smartlook, Dynatrace
- **Methodologies:** Scrum, Kanban, GitFlow
- **Soft Skills:** Collaboration, Pair Programming, Code Review, Continuous Feedback, Technical Leadership, Problem-Solving, Effective Communication, Teamwork

## LANGUAGES

- **English:** Advanced for reading, intermediate for writing and listening.
- **Portuguese:** Native.

## SOFT SKILLS

- Collaboration, Pair Programming, Code Review, Continuous Feedback, Technical Leadership, Problem-Solving, Effective Communication, Teamwork