

# Carlos Santos

📍 Brazil  
👤 Software Developer

✉ carlos.santos74@outlook.com

🐙 GitHub  
🌐 LinkedIn

## About

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As a software developer, I have extensive experience in building scalable and innovative products, taking projects from concept to delivery. Currently, I am working primarily with TypeScript, React, Next.js, NestJS, and AWS, with a strong focus on real-time communication technologies like WebRTC and WebSocket. Over the past 5 years, I have contributed to developing framework-agnostic SDKs, tools for collaboration, and video conferencing solutions. I have also been responsible for creating reusable component libraries, serverless applications, and integrating cutting-edge technologies to enhance user experiences across diverse industries.

## Experience

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**SuperViz** 2024 – Present  
*Lead Developer* *Remote*

- Developed the meeting recording and transcription feature at SuperViz, directly integrated with the SuperViz's Video SDK. The solution enables meeting transcription, summary generation, and the identification of questions, follow-ups, topics, and action items.
- Leveraged technologies such as AWS Transcribe, AWS Lambda, and AWS EventBridge to process transcriptions and integrated OpenAI APIs to provide advanced insights and detailed meeting analytics.

**SuperViz** 2023 – 2024  
*Software Developer* *Remote*

- Led the development and architecture of the SuperViz SDK, enabling developers to integrate real-time features into web applications with a low-code approach. This SDK supports a wide range of components, including Contextual Comments for various environments (HTML, Canvas, Autodesk, Matterport, and ThreeJS), Presence features, and Video Conferencing.
- Designed and implemented the SuperViz React SDK, facilitating seamless integration of SuperViz features within React-based applications, streamlining developer workflows across industries.
- Engineered the Realtime/Socket Server, providing a robust and scalable infrastructure for real-time collaboration, ensuring high performance and reliability.
- Acted as the Feature Lead for the Video Calls component, delivering an interactive and scalable video conferencing solution powered by AWS Chime and WebRTC.
- Developed the Video Calls Recording feature, allowing users to record and store video sessions, enhancing functionality and user experience.
- Contributed to empowering developers to build custom solutions by combining SuperViz components, such as real-time mouse pointers, YJS Provider for collaborative editing, and a real-time data engine.
- Played a pivotal role in accelerating development for clients across diverse industries by leveraging SuperViz's SDKs and APIs to provide scalable, customizable real-time solutions.

**SuperViz** 2022 – 2023  
*Front-end Developer* *Remote*

- Developed and maintained SuperViz's video platform and 3D project management system, ensuring seamless functionality and an intuitive user experience.
- Worked with real-time synchronization services and video streaming tools to enable collaborative and interactive features.
- Designed and implemented a reusable component library based on the internal Design System, collaborating closely with the Design team to ensure consistency and scalability.
- Utilized technologies such as JavaScript, TypeScript, Three.js, Vue.js, Nuxt, CSS, SASS, Jest, HTML, and REST API integrations to build robust front-end solutions.

**Rocketrips** 2023 – 2023  
*Full Stack Engineer* *Remote, Freelance*

- Architected and developed Rocketrips' new travel platform, focusing on modernizing workflows for hotel booking, air travel, and car rentals, enhancing user experience and operational efficiency.
- Designed and implemented scalable front-end solutions using React, Next.js, Tailwind CSS, and MUI, ensuring a responsive and intuitive user interface.
- Contributed to the development of full-stack features, leveraging JavaScript and TypeScript to build robust and maintainable codebases.
- Collaborated with cross-functional teams to deliver a seamless and modern platform tailored to corporate travel and expense management.

## InBolso

Front-end Developer

2020 – 2022

Brazil

- Maintenance of InBolso's credit recovery platform, ensuring seamless user experience and performance optimization.
- Migration of interfaces from a monolithic system built with Laravel/Vue.js to a modern Vue.js Single Page Application (SPA), improving scalability and maintainability.
- Developed and automated a reusable component library based on the company's internal Design System, in close collaboration with the Design team to ensure consistency and adherence to brand guidelines.

## Projects

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Monokai Theme — *Side Project*

2024

- Developed a dark theme for Visual Studio Code.
- Available on [Visual Studio Code Marketplace](#).

## Education

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Instituto Federal de Educação, Ciência e Tecnologia do Maranhão

Bachelor of Computer Science

2022 – Present

Brazil

## Skills

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- **Languages:** JavaScript, TypeScript
- **Front-end Development:** React, Next.js, Vue, Nuxt.js, Apollo Client, WebRTC, WebSocket, WebComponents, Lit, Tailwind, CSS, SCSS, SASS, WebPack, Vite, Esbuild, Jest, WTR, Playwright
- **Back-end Development:** Node.JS, Fastify, Nest.JS, Serveless, Socket.io
- **Cloud and Infrastructure:** Amazon Web Services (AWS)
- **Others:** JS libraries and package design