

# Levi Santos Rocha

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## Professional Summary

Senior Software Engineer specializing in high-performance, real-time systems with deep expertise in React, React Native, Node.js, and WebRTC. Proven ability to build low-latency, mission-critical applications at scale across multiple countries, consistently improving system performance, reducing operational costs, and delivering seamless user experiences through strong technical execution.

## Work Experience

### **Superbid – Software Engineer**

Feb 2022 – Present | São Paulo, Brazil

- Engineered and scaled a **real-time auction platform** used across Brazil, Argentina, Colombia, and Peru, ensuring **precise clock synchronization** and **ultra-low latency** during peak bidding.
- Delivered a production-ready **auctioneer admin panel**, improving operational efficiency and reducing human errors in live events.
- Built a fully documented, reusable **component library** aligned with the company's design system, accelerating development across multiple squads.
- Improved system scalability and reliability by optimizing WebSockets, Redis Pub/Sub channels, and server performance under high concurrency.
- Collaborated on architectural decisions involving React, Node.js, Java (Spring Boot), and AWS, enhancing availability and fault tolerance across the platform.

### **TeclaT – Software Engineer**

Sep 2020 – Feb 2022 | Fortaleza, CE, Brazil

- **MobTelecom – Software Engineer(TeclaT contract)**

- Reduced support demand significantly by automating **boleto renewal and payments**, eliminating manual interventions and preventing thousands of recurring support requests.
- Decreased customer support calls and on-site visits by enabling intuitive **self-service flows** inside the app, boosting customer independence and satisfaction.
- Improved overall user experience with faster API responses and clearer backend-frontend communication.

- Maintained and expanded the MobTelecom mobile app using **React Native + NestJS**, ensuring stable, predictable, and scalable releases.

#### - Febracis – Software Engineer (TeclaT contract)

- Enhanced a **Kopa.live WebRTC platform**, adding gamified Q&A, interactive participant grids, and an optimized real-time chat, leading to higher engagement and more efficient live sessions.
- Reduced operational costs and improved scalability by refining video distribution controls and optimizing resource usage.
- Strengthened the WebRTC architecture to maintain **low-latency, high-quality streaming** under varying network conditions.

#### Receita Federal – Software Development Intern

Sep 2015 – Sep 2017 | Sobral, CE, Brazil

- Built internal HR tools using Flask, HTML, CSS, and Bootstrap, improving workflow automation and reducing manual overhead.
- Provided full-stack support for internal systems and IT infrastructure, gaining early practical experience in debugging, maintenance, and system design.

#### Education

##### Estácio – Bachelor in Computer Science (2024 - present)

Coursework in programming, data structures, computer architecture, and software development paradigms.

##### Uninta – Bachelor of Laws

Studied constitutional and procedural law, with focus on legal foundations and critical thinking.

##### Federal University of Ceará (UFC) – Computer Engineering (2014–2017)

Focused on algorithms, programming logic, databases, discrete mathematics, and object-oriented development.

#### Technical Skills

Languages: TypeScript, JavaScript, Java, Python

Frontend: React, React Native, Styled-Components, Bootstrap, HTML, CSS

Backend: Node.js, Express, NestJS, REST, SpringBoot, Redis, MongoDB

Infrastructure: AWS, Docker, Webpack, Git, GitHub, Gitlab

SEO & Analytics: Next.js (SSR, i18n, Meta Tags), Cloudflare Pre-Rendering, Google Analytics, GTM

Other: WebRTC, Socket.io, Real-time Systems

## **Languages**

Portuguese: Native

English: Advanced