

# Cláudio Ribeiro

FullStack Software Engineer

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## Skills

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Languages	TypeScript, JavaScript (ES5, ES6), HTML, CSS
Frameworks	React
Tools and Utilities	Node.js, styled-components, Cypress, NPM, Git, MySQL
Specialization	Frontend Software Engineer

## Projects

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### Youtube Replica

- Leveraged the YouTube API to empower users search for videos, receive real-time content and change category within the Youtube Replica. Implemented strategic asynchronous function, thus enhancing communication with the API.
- Implemented TypeScript, enhancing the reliability and maintainability of the codebase.
- Addressed dynamic-based styling using styled-components by leveraging variables, ensuring a streamlined and maintainable codebase.
- Optimized navigation and state management by strategic use of React Hooks and React Router, ensuring effective state management, streamlined navigation, and dynamic manipulation of DOM elements for form authentication, resulting in an enhanced user interaction.
- Ensured seamless communication with the Youtube NodeJS API by leveraging the Axios library, resulting in efficient data retrieval, contributing to better user authentication and video upload.
- Conducted end-to-end (E2E) tests using Cypress to validate authentication, video searching, and uploading features. Utilized assertions to ensure proper rendering of video uploads, accurate data retrieval from the YouTube API, and effective error handling.

### Youtube NodeJS API

- Handled RESTful API endpoints, as well as managed HTTP protocols, all through Express request and response objects.
- Utilized MySQL and MariaDB for database management, storing user data and video information.
- Implemented Dotenv to securely store sensitive information, such as database credentials, enhancing the overall security of the application.
- Leveraged Postman for rigorous endpoint testing and data retrieval verification. Validated user authentication, signup processes, and video upload, contributing to a reliable interaction between frontend and backend components of the application.
- Implemented JSON Web Tokens (JWT) for user authentication. Integrated as a middleware in login process, ensuring user validation and generation of secure tokens upon successful authentication. Configured token lifecycle for heightened protection of user sessions.

### SpaceArt

- Played a pivotal role in implementing shared state and context management strategies within the frontend, fostering effective communication and coordination among team members for a cohesive and feature-rich application.
- Took on the responsibility of facilitating a deeper understanding of React and its core concepts within the SpaceArt team. Organized to elucidate React's properties, emphasizing concepts such as component, state, context and props, ensuring a collective grasp of the technology.
- Translated intricacies of Figma into React code, demanding deep understanding of React components, styles, and responsive design principles. Addressing this challenge met the visual expectations set by the design and also optimized the React codebase for maintainability and scalability.

## Education

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### SENAI CIMATEC

Systems Development Technician

Salvador, BA

Dec. 2023