Lucas Garcia

Senior Software Engineer

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SUMMARY

I am a Software Engineer with over 5 years of experience in front-end and back-end development, proficient in .NET, JavaScript, TypeScript, RabbitMQ, GraphQL, GitLab CI/CD, Circle CI, PostgreSQL, MongoDB, SQL Server, Docker, and Kubernetes. I excel in agile methodology (SCRUM), collaborating with cross-functional teams to deliver high-quality solutions. My versatility allows me to adapt seamlessly to various projects and requirements. I thrive on challenging projects, constantly striving to improve myself and guide my team to best practices.

SKILLS

Proficient: React, Zustand, Docker, Node, Typescript, OAuth, NestJs, Prisma, SQL, Styled Components, TailwindCSS, CI/CD
Intermediate: NoSQL, C#, .Net, TypeORM, AWS, Storybook, Kafka, Rabbit, Bull, Jitsi WebRTC
Beginner: Azure DevOps, Django, Flutter

PROFESSIONAL EXPERIENCE

Squad leader Software Engineer
Sambatech, São Paulo, BR – Remote   02/2022 to Present
Core Responsibilities:
- I worked on a multimedia SaaS platform where I participated in various projects, ensuring that our video delivery and digital platforms remained at the forefront of the industry.
- As a squad leader, my focus has always been on elevating my team to their best performance, guiding them towards best practices and scalability and making architectural decisions and conceptualizing client-specific digital products were essential parts of my role.
- I work on developing microfrontends using React, Turborepo, Zustand, SingleSPA, and Styled Components, creating highly scalable and modular applications.
- Implemented CI/CD strategies with GitHub, CircleCI, Docker, and AWS, optimizing the continuous delivery pipeline to accelerate releases and updates while ensuring system stability and security.
- Created a WebRTC solution using Jitsi and implemented a ready-to-use library for internal use.

Key Technologies and Tools: Node, React, Typescript, TailwindCSS, NestJs, Prisma, AWS, PostgreSQL, Jitsi WebRTC, CircleCI.

Javascript Instructor
Blue EdTech, São Paulo, BR – Remote   06/2022 to 11/2022
Core Responsibilities:
- I was a JavaScript instructor in a bootcamp for beginners. We kicked off with the basics: data structures, conditionals, loops, functions, and object-oriented programming (OOP). Then, we dived into JavaScript, covering everything from the fundamentals to the quirks of the language, like dynamic typing, first-class functions, and the differences in OOP compared to Java.
- As students progressed, we tackled more advanced JavaScript topics, including closures, promises, and async/await. The journey culminated in React, where I explained everything about React Hooks, the

importance of componentization, state management with Context API and Redux, and best practices for building scalable, high-performance applications.

Key Technologies and Tools: Express, Node, React, Javascript, Typescript, Redux, Styled Components, MySQL.

Full Stack Software Engineer

ProntoJá, São Paulo, BR – Remote   07/2021 to 01/2022

Core Responsibilities:

- At this company, I worked on an e-commerce platform built with NextJs and Node.js, being responsible for the project from inception to final delivery. In a small team, we aligned expectations under pressure to achieve our goals.
- Handled end-to-end order processing, integrating payment systems such as PagarMe and Mercado Pago, managing order processing queues with AWS SQS, and implementing package tracking through the Correios API.
- Implemented OTP authentication, providing a secure and streamlined login experience.
- Managed PostgreSQL databases and optimized the monolithic architecture to a microservices approach using Kafka, enhancing the system's modularity, scalability, and maintainability.
- I have expertise in test development using tools like Jest, React Testing Library, and Cypress, allowing me to ensure software quality through comprehensive automated testing, improved system reliability, and more efficient failure handling.

Key Technologies and Tools: React, NextJs, Cypress, Jest, NodeJs, Angular, NestJs, Mercado Pago, AWS, OTP, Kafka, Microservices, Webhook

Full Stack Engineer

DPC Distribuidora, Caratinga, BR – Remote   02/2021 to 11/2021

Core Responsibilities:

- At this company, I worked on a B2B e-commerce platform created as a SPA using Vue and React, with a backend built in Node.js and Express.
- Implemented an authentication system with Keycloak, significantly enhancing security and user management. This integration allowed for centralized authentication and authorization, improving both user experience and administrative control.
- Built and implemented a design system using Material-UI and Styled Components. This design system ensured a consistent and responsive user interface, reducing the development time for new features and improving user satisfaction.
- Worked on a mobile project that provided local sales representatives with tools for order processing and inventory verification. This mobile solution streamlined sales processes, increased efficiency, and provided real-time inventory data to sales teams, enabling better decision-making and more effective customer service.
- Implemented a lead capture system using Go and React, managing users with WhatsApp chatbots. This system automated customer interactions, effectively captured leads, and organized groups and departments, improving service quality. It also facilitated better engagement and faster response times, leading to increased customer satisfaction and conversion rates.

Key Technologies and Tools: Javascript, Typescript, React, Node, Vue, Material UI, Styled Components, Single SPA, Go, Keycloak, React Native

Full Stack Engineer

Rede de Ensino Doctum, Caratinga, BR – Remote   08/2019 to 01/2021

Core Responsibilities:

- I redesigned and developed a new front-end for a student management system, replacing the legacy

interface with React/JavaScript. I created the entire front-end architecture, ensuring an intuitive, responsive, and user-friendly experience.

- I integrated various solutions with Google Cloud to enhance the student experience, including automating grade imports via Google Forms, enabling cloud file uploads, and managing classes via Google Meet. This allowed students seamless access to essential platform functionalities.
- I collaborated with the team to implement CI/CD pipelines using GitLab CI, significantly improving the platform's scalability and the efficiency of code deployment and delivery processes.
- I developed and implemented OAuth authentication, significantly improving usability and security for students and teachers.
- I worked with cross-functional teams to ensure the integration of new features and improvements across the system, leveraging Google Cloud and Google Workspace for automation and better task management for students and educators.

Key Technologies and Tools: PHP, Typescript, React, Node, Styled Components, SCSS, Material UI, BFF, Google Cloud Platform, GitLab CI, AWS

EDUCATION

Bachelor of Computer Science
Estácio, Caratinga, Minas Gerais, Brazil   2024 to 2026

LANGUAGES
Portuguese: Native
English: Advanced