JEZIEL LOPES CARVALHO

Full Stack Software Engineer

+5531993841675 · jeziellcarvalho@gmail.com · https://www.linkedin.com/in/jezielcarvalho · Ipatinga, Brazil

Summary

Full Stack Software Engineer with extensive experience in engineering requirements, agile methodologies, and a modern tech stack that includes Node.js, NestJS, TypeScript, Next.js, React, and React Native. I specialize in designing and delivering scalable, user-centric web and mobile applications, covering the entire development lifecycle from requirements gathering to deployment. With a strong focus on creating intuitive user experiences and aligning technical solutions with business goals, I thrive in collaborative, agile environments. Committed to continuous learning and innovation, I aim to solve complex challenges with efficient, maintainable, and impactful solutions.

Experience

Professional Development
Remote

Career Break
01/2025 – Present

- Focused on continuous learning, technical upskilling, and professional growth.
- Studied modern web technologies, backend architecture, and system design.
- Deepened knowledge in cloud-native distributed systems backed by observability principles.
- Explored and applied AI-powered development workflows to improve productivity, code quality, and engineering processes.
- Worked on personal and experimental projects to strengthen real-world problem-solving skills.
- Used this period to reflect on long-term career goals and prepare for the next professional challenge.

BR Media Group
São Paulo, Brazil

Full Stack Software Engineer
11/2022 – 12/2024

- Applied enterprise software architecture principles and industry-standard design patterns to build scalable and maintainable systems.
- Adopted pragmatic software engineering practices across the development lifecycle, from discovery to deployment.
- Contributed to technical backlog refinement, translating business requirements into well-defined technical solutions.
- Designed and implemented new modules and features in NestJS-based microservices architecture, ensuring modularity and performance.
- Built reusable and accessible UI components using CVA, Radix UI, maintaining strong design system consistency.
- Developed responsive screens in Next.js (Web) and React Native (Mobile) based on product prototypes and UX specifications.
- Maintained and improved a TypeScript-based codebase, ensuring code quality, readability, and scalability.
- Implemented unit, integration, and end-to-end tests using Jest, React Testing Library, and Cypress to guarantee reliability and prevent regressions.
- Delivered user-centered experiences aligned with UX best practices, balancing performance, usability, and business goals.

DevSkin Consultoria de TI
Campinas, Brazil

Full Stack Developer
12/2021 – 06/2022

- Maintained and evolved front-end applications built with React, Redux, Context API, TypeScript, and Styled-Components, improving performance and maintainability.
- Developed and maintained RESTful APIs in Node.js, documenting endpoints using Swagger to ensure clear contract definition and cross-team alignment.
- Implemented unit tests using Jest and React Testing Library, increasing code reliability and reducing regression risks.
- Integrated third-party and internal APIs with advanced request management strategies, including request cancellation to optimize resource consumption and prevent race conditions.
- Designed and delivered real-time chat features using Socket.IO, enabling low-latency bidirectional communication.

ioasys
Belo Horizonte, Brazil

Senior Front End Developer
05/2021 – 12/2021

- Implemented new features based on product requirements, translating business needs into scalable and maintainable technical solutions.
- Designed and developed user-friendly, accessible interfaces, prioritizing usability, performance, and inclusive design principles.
- Built websites and digital platforms using React, Hooks, Gatsby, Next.js, Redux, Context API, TypeScript, and modern JavaScript (ES6+).
- Implemented unit tests with Jest and React Testing Library, improving reliability and reducing regression risks.
- Integrated front-end applications with internal and third-party APIs, ensuring robust data flow and error handling.
- Deployed and maintained React applications using AWS S3 (static hosting), contributing to CI/CD and release processes.
- Enhanced the company's Design System by implementing Storybook Controls, improving component discoverability and cross-squad adoption.
- Mentored new engineers, disseminating best practices in code quality, testing, and front-end architecture.

Foodway
Ipatinga, Minas Gerais

React Native Developer
04/2020 – 03/2021

- Redesigned mobile application screens based on product style guides and high-fidelity prototypes, applying UX, usability, and accessibility best practices using Styled-Components.
- Integrated front-end applications with APIs and managed cart and order state flows using React Native, Redux, and modern JavaScript (ES6+).
- Contributed to the successful launch of the MVP of a digital ordering mobile application, collaborating cross-functionally to ensure timely delivery and production readiness.
- Worked in parallel on the next-generation version of the app using Flutter and Dart, implementing the Repository Pattern to improve separation of concerns, testability, and maintainability.

Plus.me
Ipatinga, Minas Gerais

Full Stack Developer
11/2019 – 04/2020

- Collaborated with the Product team to gather and refine requirements for new digital solutions, translating business needs into technical specifications.
- Designed and developed user-friendly interfaces with a strong focus on UX, usability, and accessibility best practices.
- Modeled and implemented digital products using JavaScript (ES6+), React, and Node.js, ensuring clean architecture and maintainable code.
- Integrated third-party APIs to collect and process data from client marketing campaigns, enabling data-driven insights.
- Developed responsive landing pages based on design prototypes using React and Styled-Components, ensuring visual consistency and performance.
- Built a themed website for a bistro featuring an interactive digital menu, enhancing customer engagement and usability.
- Contributed to the early-stage development of an agency SaaS product that enabled clients to manage and track their own leads via a dashboard platform.

Grupo Central
Ipatinga, Minas Gerais

Full Stack Developer
02/2019 – 11/2019

- Collaborated with the Product team to gather and refine requirements for new features, translating business needs into technical solutions.
- Designed and implemented user-friendly interfaces with a strong focus on UX, usability, and accessibility principles.
- Modeled and developed a new event scheduling module within a monolithic MVC architecture using Laravel (PHP), JavaScript (ES5/jQuery), and CSS3, ensuring maintainable structure, clear separation of concerns, and scalable code organization.

Education

University Center of Eastern Minas Gerais

Coronel Fabriciano, Brazil

Information Systems Bachelor Degree

01/2012 – 01/2021

• Focusing on Computer Software Engineering

Training / Courses

Computer Network Technician, Information Technology .... Senac Minas

6.00x: Introduction to Computer Science and Programming using Python .... MIT

Skills

Core Production Experience:

JavaScript · TypeScript · PHP · Dart · React · Next.js · Gatsby · React Native · Flutter · Node.js · NestJS · Laravel · Redux · Context API · jQuery · Styled-Components · CVA · Radix UI · MVC Architecture · Microservices Architecture · RESTful APIs · WebSockets · API Integration · Swagger/OpenAPI · Repository Pattern · Design Systems · Storybook · Unit Testing · React Testing Library · Cypress · Integration Testing · State Management · AWS S3 · CI/CD · UX Principles · Accessibility · Responsive Design · Clean Code · Design Patterns · Backlog Refinement · Requirements Gathering · Agile Methodologies · MVP Development · Mentorship

Architecture & Advanced Engineering Focus:

Observability · Logs · Metrics · Traces · Distributed Systems · Cloud-Native Architecture · Docker · Kubernetes Foundations · Event-Driven Architecture · Resilience Patterns · Repository Pattern · System Design Principles · SRE Concepts · CVA

Languages

English
Intermediate
●●●○○

Español
Intermediate
●●●●○○

Português
Native
●●●●●

Portfolio

GitHub
github.com/jeziellopes