Breno Zukowski

Full Stack Engineer

👤 Profile

I'm a Full Stack developer, focused in React + Ruby on Rails, with experience at developing in React.js/Next.js, developing RSpec code tests, improving application`s performance and integration. Supportive and enthusiastic team player dedicated to streamlining processes and efficiently resolving project issues.

💼 Employment History

Senior Full Stack Engineer at Jebbit, Remote
Jan 2024 — present

- Re-implemented the **end-to-end (E2E) test suite**, reducing execution time by **50%** using a **Docker environment** and **GitHub Actions**, significantly improving testing efficiency and feedback loops.
- Fully redeveloped the **layout strategy** of the platform, making experience creation **25% faster** and increasing user engagement on the platform.
- Contributed to the **development of a no-code platform** that empowers users to create **smart campaigns** for collecting **zero-party data**, allowing businesses to create tailored data collection processes without technical expertise.
- Worked on improving the **CI pipeline**, automating testing processes and increasing test coverage for both frontend and backend, enhancing product quality and development velocity.
- Collaborated in a **multicultural environment**, with **English** as the primary communication language, ensuring smooth collaboration and delivery of high-quality solutions.
- Utilized **Ember** for frontend development, creating responsive and efficient user interfaces.
- Supported backend development using **Ruby on Rails** and **Node.js**, ensuring robust backend functionality and seamless integration with frontend applications.
- Managed infrastructure with **Docker**, **Terraform**, and **AWS**, ensuring scalability, reliability, and security across the platform.
- Conducted thorough testing using **Cypress**, **Jest**, and **RSpec**, improving code reliability and achieving high test coverage across the stack.
- Skills: Ruby, Ruby on Rails, Ember.js, Cypress, Jest, Rspec, Docker, Terraform, AWS, Shoryuken, SimpleCov

Senior Full Stack Engineer at SouTag, Remote
July 2023 — Jan 2024

- Led the complete **revamp of a mobile application orginally written in Kotlin**, overseeing the entire development process from concept to deployment using **React Native** and **Expo** reducing feature development time by 40%.

Details

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Links

LinkedIn

GitHub

Skills

Fast Learner

Agile Methodologies

Communication

Good team player

Highly Motivated

Creative

- Reduced the refueling process downtime
- Spearheaded the **design and scoping of new features**, ensuring alignment with product goals and delivering a seamless user experience.
- Developed and maintained critical app features, which accelerated the **refueling process by 30%** and increased **conversion rates by 12%**.
- Implemented comprehensive **unit tests** with **Jest** and **React Native Testing Library**, and ensured reliability through **end-to-end testing** using **Detox**.
- Managed the mobile app codebase, performing regular maintenance and ensuring the delivery of high-quality, scalable solutions.
- Skills: React Native, Expo, Ruby on Rails, Rspec, Git, GitHub, Redis, AWS, Shoryuken

Full Stack Engineer at 2U, Remote
Jan 2023 — July 2023

- Contributed to the development of an **AI-powered smart vending machine ecosystem**, responsible for the **mobile app**, **admin area**, and the **embedded system** for the smart refrigerators using **React**, **React Native**, **Python**, **Django**, and **GraphQL**.
- Developed **embedded system solutions** with **Python** and **Jinja**, enabling real-time communication and seamless functionality for the smart vending machines.
- Built and maintained core **API features** using **Python**, **Django**, and **Strawberry**, ensuring smooth integration between the embedded systems, mobile app, and admin area.
- Utilized **React** and **React Native** extensively to create responsive, high-performance user interfaces for both the mobile app and the web-based admin area, enhancing the user experience and operational efficiency.
- Leveraged **GraphQL** for optimized and efficient data fetching, improving performance and reducing load times across both the mobile and web platforms.
- Implemented **Styled Components** and **Next.js** to create reusable and maintainable UI components, ensuring consistency in design and functionality across the platform.
- Skills: React.js, React Native, Django, Python, GraphQL, Redis, Postgres, SQL, Typescript

Software Engineer at EVOB, Remote
May 2021 — Jan 2023

- **Led the frontend team**, creating **technical specifications** and mentoring junior developers to ensure high-quality, scalable solutions.
- Contributed to **API development** using **Ruby on Rails** in a **microservices architecture**, ensuring smooth integration between services and the frontend.
- Implemented **internationalization (i18n)** to support multiple languages, improving the platform's global reach and user experience.
- Developed an **educational platform**, including a **component library** for reuse across multiple applications, and built an **admin area** for

streamlined content management.

- Spearheaded the **implementation of a micro-frontend strategy**, enhancing performance and increasing **conversion rates by 15%**.

- Enhanced **course creation forms**, enabling greater customization of course pages, which improved user engagement.

- Leveraged **server-side rendering (SSR)** with **Next.js** to boost performance and SEO.

- Extensively used **React**, **Next.js**, **Styled Components**, and **Redux** for front-end development.

- Implemented comprehensive testing using **Jest** and **React Testing Library**, ensuring code reliability and maintaining high standards.

- Applied **component-driven development** principles to create modular and maintainable code.

- Followed **SOLID principles** and best practices to ensure maintainable, high-quality codebases.

- Managed complex state with **Redux** (Thunk and Saga) and the **React Context API** for efficient data flow across the application.

- Skills: React.js, Ruby on Rails, Next.js, Styled Components, Sass, Redux, Context API, Postgres, SQL, Typescript

Frontend Engineer at Prumo, Remote
February 2021 — May 2021

- Led e-commerce projects from inception to deployment using platforms like Vtex, Flexy, and Linx, responsible for creating tickets, writing technical specifications, and setting delivery goals to ensure scalable and maintainable architecture across all initiatives.

- Architected and developed front-end solutions using React and the VTEX tooling system, delivering high-performing, user-friendly e-commerce platforms for various clients.

- Ensured pixel-perfect styling and brand consistency across platforms using vanilla CSS, improving the overall user experience.

- Designed and customized e-commerce templates using PHP and Twig, enabling seamless integration with backend systems and enhancing content flexibility.

- Scoped, planned, and executed new features for multiple e-commerce projects, collaborating closely with clients and stakeholders to align business objectives with technical solutions.

- Optimized site architecture and performance, ensuring fast load times, smooth navigation, and high user satisfaction.

- Mentored junior developers and conducted code reviews, promoting best practices such as SOLID principles, code modularity, and performance optimization.

- Skills: React.js, CSS, HTML, PHP, Twig, Vtex, Flexy, Scss, SCRUM, Git, GitHub, Typescript

Frontend Engineer at M2 Digital, Ribeirão Preto, SP
Sep 2020 — Feb 2021

- Developed and launched multiple telecom e-commerce platforms from

the ground up using Vue, Vuex, and Nuxt, delivering scalable solutions that supported thousands of daily transactions.

- Delivered pixel-perfect UI interfaces using Tailwind CSS and Sass, ensuring design fidelity and state of the art responsiveness.
- Maintained and optimized legacy React applications, implementing new features and reducing page load times by 30%, leading to a smoother user experience.
- Full implementation of a smart filtering platform to recommend personalized offers to customers, increasing customer engagement and deal conversion rates.
- Managed state efficiently across complex applications using Vuex, streamlining data flow and reducing state-related issues;
- Applied SOLID principles in all projects, ensuring clean, maintainable, and scalable code for long-term project sustainability.
- Optimized projects for SEO and performance, adhering to Google's Core Web Vitals, leading to a 25% improvement in page load times and enhanced search engine rankings.
- Collaborated with major Brazilian telecom companies such as Vivo, Claro, Oi, and Tim, delivering large-scale e-commerce platforms that served millions of users.
- Skills: Git, GitHub, HTML, CSS, React.js, Vue, Nux.js, Sass, SEO, SCRUM, Javascript'

🎓 Education

System Analysis and Development, Bachelor, FATEC, Ribeirão Preto
March 2020 — March 2023

🎓 Courses and certifications

Oracle - Database Design and Programming with SQL
Issued in December 20222

TOEIC - Test of English for International Communication
Issued in December 2022

IT Essentials - CISCO
Issued in June 2020