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Top Skills

English
Ruby on Rails
Next.js

Languages

Português (Native or Bilingual)
English (Full Professional)
Espanhol (Native or Bilingual)

Rafael Dias

Senior NodeJS Engineer @Salesforce | Fullstack Developer | API Specialist
Curitiba, Paraná, Brazil

Summary

Hello everyone,

I'm Rafael Dias, a passionate and experienced Senior NodeJS Engineer at Salesforce with nearly 7 years of hands-on expertise in Node.js. Throughout my career, I've specialized in backend development using various frameworks like Express.js, GraphQL, and Nest.js. My commitment to excellence has led me to lead multiple projects, ensuring high-performance and scalable solutions.

In addition to my backend proficiency, I have over 5 years of experience working with SQL databases, planning tables, optimizing queries, and delivering robust data solutions. My tech stack includes PostgreSQL, MongoDB, and DynamoDB, allowing me to select the best data storage solutions for each project's unique requirements.

On the front-end, I bring over 3 years of experience with Node.js, particularly using React.js and Next.js. This fullstack expertise enables me to create seamless, end-to-end solutions that are both efficient and user-friendly.

Beyond my professional achievements, I am deeply passionate about sports. I enjoy going to the gym, playing volleyball, and I am currently focused on Brazilian Jiu-Jitsu (BJJ), where I've been training hard for the past 4 years.

Volunteering has also been an important part of my life. I served as a missionary for The Church of Jesus Christ of Latter-day Saints in Chile from 2017 to 2018. During this time, I helped many people, learned Spanish, and developed valuable skills in team leadership and communication.

Let's connect and explore how we can collaborate to create innovative solutions that make a real impact. Feel free to reach out via LinkedIn or check out my GitHub: github.com/afiqui

Experience

Salesforce

Software Engineer

March 2024 - Present (5 months)

- Scaled Product Post-Acquisition: Successfully scaled the product from supporting hundreds to thousands of companies by integrating it into the Salesforce Cloud family. This required redesigning the architecture to handle increased load and improve performance.
- Implemented Scalable and Performant Solutions: Enhanced existing pages and features by implementing caching and pagination, significantly improving response times and user experience.
- Optimized System Performance: Utilized advanced caching strategies and efficient data retrieval methods to reduce query times. This optimization allowed for faster access to critical data and improved overall system reliability.

These achievements underscore my ability to drive scalability, enhance performance, and deliver robust solutions in high-demand environments.

Spiff Inc

Software Engineer

May 2023 - March 2024 (11 months)

- Feature Development and Integration: Worked on the replacement of the Hellosign API with a new document creation experience using Facebook's Lexical Composer. Enabled users to create documents integrated with commission and company data, preview documents, create custom approval routes, and perform bulk sends.
- System Optimization: Improved page speed and overall performance by implementing efficient pagination and caching strategies.

Redrive

Senior Fullstack Software Engineer

March 2023 - May 2023 (3 months)

Senior Engineer and Tech Lead at Redrive

- **Enhanced Instagram Lead Generation:** As the Senior Engineer and Tech Lead, I was responsible for Instagram lead generation and developing new features for Redrive, a powerful lead generation platform. I successfully refactored the Instagram lead generation tool, which can now generate 130,000 leads daily for all customers and has provided a total of 21 million leads so far. This significant improvement enhanced the platform's efficiency and effectiveness in lead generation.
- **Feature Development:** Led the development of new features to enhance the platform's capabilities, ensuring high performance and scalability.
- **Technical Leadership:** Provided technical guidance and leadership to the engineering team, driving best practices and fostering a collaborative development environment.

These contributions demonstrate my expertise in enhancing lead generation tools and leading technical projects to success.

BairesDev

Fullstack Node.js Software Engineer

January 2022 - January 2023 (1 year 1 month)

Fullstack Node.js Developer at LeaseEnd

- **Developed Scalable SMS Caching Tool:** Created features for both backend and frontend using React.js. Developed a scalable tool for caching and storing SMS communications between reps and customers, improving response times and reliability.
- **Performance Optimization:** Resolved issues related to the company's shared number and Twilio API rate limits by redesigning the message handling system and implementing Redis for caching. This significantly enhanced the performance and reliability of SMS communications.

Principal Backend Node.js Engineer at ASK.COM

- **Lead Developer for Humanly Project:** Led the development of Humanly, a charity search engine mobile app, from scratch. Planned, created, and deployed the backend using TDD (Test-Driven Development), SOLID principles, and design patterns.
- **Robust Backend Infrastructure:** Powered the search functionality with the Bing API and managed deployment on AWS, ensuring a robust, scalable, and efficient backend infrastructure for the project.

These achievements highlight my ability to develop scalable solutions and lead complex technical projects to success.

Muserver.club

Freelancer

February 2018 - December 2022 (4 years 11 months)

Curitiba, Paraná, Brasil

- **API Development and Integration:** As one of the owners and main developers, I spent 4 years creating and integrating various game and payment APIs, including PayPal, PicPay, PIX, PagSeguro, and Mercado Pago. Delivered tailored solutions for over 667 clients worldwide, ensuring seamless and efficient payment processing.
- **Bot Development:** Developed and implemented bots for Telegram, WhatsApp, and Discord to keep users updated with game actions, notifications, and messages. These bots enhanced user engagement and provided real-time updates.

These contributions demonstrate my expertise in API development, integration, and bot creation to enhance user experience and operational efficiency.

Wiser Educação

Back End Developer

April 2021 - May 2022 (1 year 2 months)

Backend Software Engineer at Wiseup Live (English Live Classes)

- **Improved Student Calendar Performance:** Redesigned the student calendar page by breaking down a large PostgreSQL query into four smaller, faster queries. Utilized advanced Node.js techniques to combine the information more efficiently. This optimization reduced PostgreSQL CPU usage from 90% to 15% and cut API response time from 15 seconds to 3 seconds, significantly eliminating SQL concurrency issues. Presented this solution to the entire company, showcasing the performance improvements and technical approach.
- **Performance Optimization Presentation:** Created and delivered a PowerPoint presentation to the entire company, highlighting the performance improvements and the underlying technical approach used in the student calendar optimization.

Backend Software Engineer at Wiseup Online

- **Sole Backend Engineer for a Global Product:** Managed new features, database planning, bug fixes, performance improvements for routes, and manually running queries in the production database for a project with over 1

million students across 86+ countries. Ensured the stability and performance of a widely-used educational platform.

- Comprehensive Backend Management: Oversaw all backend development tasks, including feature implementation, performance optimization, and database management, ensuring seamless operation and user satisfaction.

These achievements highlight my ability to optimize performance, manage large-scale projects, and ensure the stability of critical systems.

PUC Minas Oficial

Estagiário

January 2020 - July 2020 (7 months)

The Church of Jesus Christ of Latter-day Saints

Missionary

January 2017 - December 2018 (2 years)

I Served as an volunteer LDS Missionary at Chile Vina del Mar.

Education

Universidade Positivo

Bachelor's degree, Computer Software Engineering · (2021 - 2024)

Pontifícia Universidade Católica de Minas Gerais

Bachelor's degree, Computer Software Engineering · (2019 - 2021)

Colégio Santo Agostinho

· (2010 - 2016)