Joao Pedro dos Santos Rosa

Web back-end engineer



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Summary

Experienced Back end web developer proficient in Java, Python, and Node.js with a strong background in AWS and Google Cloud, passionate about crafting efficient and scalable solutions to drive impactful web applications.

Experience

Noar Cloud

Chief Technology Officer

https://www.noarcloud.com/

November 2023 – Present São Paulo, Brazil

At Noar Cloud, I developed and led the technical team to build a cloud management platform, actively working on coding and designing the core architecture. I balanced my leadership duties with hands-on development, ensuring that I contributed directly to the technical execution.

Technologies used: AWS, Google Cloud, Microsoft Azure, Tencent Cloud, Docker, Kubernetes, Python, Java, Microservices. Soft Skills: Leadership, decision-making, team collaboration, task delegation, problem-solving, cost management.

Key Responsibilities and Results:

- Designed and implemented a microservices architecture integrating multiple cloud providers, significantly improving the flexibility and scalability of our platform, which now serves over 48,000 users with daily peaks of around 400 active users.
- alignment with project goals.

Introduced the Scrumban methodology to our development process, resulting in more efficient task management and better

 Led the team in delivering a user-friendly cloud management platform, simplifying the user experience and enhancing our product's value proposition.

March 2022 - November 2023 Itaú Unibanco

https://www.itau.com.br/

Backend Engineer

As a backend engineer, I contributed to the development of ION, an Android and iOS app for investment management, focusing on

São Paulo, Brazil

May 2020 - April 2022

March 2020 - May 2020

infrastructure, backend services, and data integration. **Technologies used:** AWS, Docker, Node.js, Python, SQL, Redis, Microservices architecture, Splunk, Grafana, App Dynamics.

Soft Skills: Communication, adaptability, critical thinking, cost management. **Key Responsibilities and Results:**

- Developed and maintained backend services using AWS, improving system reliability and ensuring continuous operations. Reduced client portfolio update times from every three weeks to daily, providing up-to-date investment product information and
- significantly enhancing user experience. Collaborated with investment professionals to integrate real-time data, improving the accuracy and relevance of the platform's
- recommendation features.
- Optimized cloud infrastructure and backend performance, making the system more efficient and better equipped to handle increased workloads.

Junior Backend Engineer São Paulo, Brazil https://www.itau.com.br/

I worked on modernizing the credit management system, transitioning legacy tools to a cloud-based architecture and enhancing user

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experience.

Soft Skills: Teamwork, user-focused development, adaptability, troubleshooting.

Technologies used: Java, Node.js, Angular.js, COBOL, AWS, SQL, REST APIs.

Key Responsibilities and Results:

Redesigned the system's interface, improving accessibility for users and reducing common issues.

responsiveness.

Enext consultoria

- Reduced task delivery time from three sprints to one week, enabling faster implementation of improvements and more efficient
- project cycles. Enhanced data processing capabilities, transitioning from a full-day process to real-time processing, significantly improving system
- Led the migration from legacy infrastructure to AWS, boosting operational efficiency and reducing manual maintenance.

São Paulo, Brazil **Back-end Developer** https://enext.com.br/

At Enext, I worked on developing backend systems for e-commerce platforms, focusing on automation, data processing, and platform customizations for marketing campaigns.

Key Responsibilities and Results:

Soft Skills: Time management, problem-solving, collaboration.

Technologies used: Java, Node.js, Python, SQL, MongoDB, Docker, AWS.

efficient marketing strategies and improved customer engagement.

Developed backend applications and scripts to automate data handling for personalized marketing campaigns, leading to more

Customized e-commerce platforms to support specific client needs, which helped enhance their operational capabilities during

- major events like Black Friday. Integrated various systems, automating processes that streamlined workflow and reduced the manual workload for clients.
- **Enext consultoria** February 2019 - February 2020

Trainee Back-end Developer São Paulo, Brazil https://enext.com.br/

As a trainee, I worked on both API development and task automation, and I contributed to customizations across different e-commerce

platforms for a range of clients. Technologies used: Java, Node.js, Python, REST APIs, SQL.

Soft Skills: Learning agility, communication, time management. Key Responsibilities and Results:

Developed APIs and automated repetitive tasks, improving operational efficiency for e-commerce clients.

- Contributed to multiple e-commerce platform customizations, ensuring smooth operations during high-traffic events such as Black Friday.
- Improved system integration processes, helping to enhance the performance and reliability of client platforms.
- **Education** January 2017 - December 2020

Python

3 Years

5 Years

Computer Science

UNASP - Adventist University Center of São Paulo

Bachelor

Skills

https://unasp.br

Java

5 years

Spring, Junit, Hibernate

Express.js, axios, jest, Angular, React **Google Cloud** 2 Years

English

Node.js

4 years

REST

flask, requests, pandas

MySQL, Redis Linux

Database

5 Years

Mongodb, PostgreSQL, 5 Years

Docker, Podman, Dockercompose Git

Docker

4 Years

5 Years

4 Years

Languages

AWS

Portuguese Native

Intermediary - B2