

Rafael Santos da Silva

Full Stack Engineer

Profile

I'm a Full Stack Developer with over 5 years of experience in JavaScript, React.js, and Node.js. Focused on crafting innovative, user-centered solutions, I excel at restructuring platforms and optimizing systems for enhanced performance and efficiency. With a flexible and organized approach combined with strong collaboration, communication, and problem-solving skills, I consistently deliver robust and scalable projects that drive measurable results. Dedicated to technological innovation, I'm committed to streamlining processes and efficiently overcoming project challenges.

Employment History

Full Stack Engineer at Freelance, Remote

Dec 2019 — present

- Responsible for creating customized web projects including dynamic websites, interactive blogs, and e-commerce platforms using modern technologies to build scalable solutions and enhance user experience.
- Developed robust backend systems with Node.js and PHP to ensure system stability and high efficiency.
- Implemented advanced frontend functionalities via REST APIs, responsive design techniques, and interactive dashboards using React.js and D3.js.
- Automated data collection and optimized workflows by employing web scraping techniques with Python and Puppeteer.
- Collaborated with multidisciplinary teams and adopted agile methodologies (SCRUM and Kanban) to secure on-time deliveries, resulting in up to a 30% increase in user conversion and retention.
- Skills:** JavaScript, React.js, Node.js, PHP, WordPress, HTML, CSS, MySQL, D3.js, Python, Puppeteer, REST APIs, web scraping, SCRUM, Kanban.

Full Stack Engineer at Fisarmonica.com.br, Hybrid

Sep 2023 — Sep 2024

- Responsible for restructuring the educational platform by focusing on improving user experience and optimizing usability.
- Utilized PHP, JavaScript, HTML5, CSS3, SQL, and REST APIs to develop custom templates, plugins, and themes.
- Achieved a 30% efficiency boost on the platform by implementing intuitive navigation improvements and agile SCRUM practices.
- Employed Git and CI/CD tools for effective version control, ensuring a streamlined development workflow.
- Developed full stack solutions that optimized frontend performance and backend scalability, integrating external systems and custom features.

Details

+55 27 99936-9724

rafalee.dev@gmail.com

Links

[LinkedIn](#)

[Github](#)

Skills

Fast Learner

Agile Methodologies

Communication

Good team player

Highly Motivated

Creative

- Enhanced data processing and overall system performance using SQL and caching techniques, reducing page load times by 20%.
- **Skills:** PHP, JavaScript, HTML5, CSS3, SQL, REST APIs, Git, CI/CD, SCRUM, performance optimization, caching techniques, log monitoring.

Intern at – Federal Regional Court of the 4th Region, (On-site)

Aug 2019 — Jun 2021

- Contributed to modernizing and increasing the efficiency of departmental systems by enhancing resource management and automating budgeting and task processes.
- Developed software solutions using Python and SQL, resulting in a 30% improvement in internal process efficiency.
- Implemented web scraping techniques to optimize data collection and analysis, reducing processing time by 25%.
- Designed interactive dashboards for spreadsheet analysis, thereby improving accuracy in strategic decision-making.
- Enhanced control over payments and document processing, ensuring greater reliability and efficiency in labor documentation.
- **Skills:** Python, SQL, web scraping, interactive dashboards, data analysis, task automation.

Intern – Public Prosecutor's Office of Santa Catarina (On-site)

Sep 2019 — Dec 2020

- Supported the enhancement of internal systems within the Administrative Operations Coordination, increasing administrative process efficiency by 20%.
- Developed analytical and interactive reports using Power BI, Excel, SQL, and Python to aid strategic decision-making.
- Optimized data analysis and improved decision accuracy by contributing to the management of contracts, amendments, and agreements.
- Executed precise data integrations between SIGA and SIGEF systems by applying ETL techniques, reducing operational inconsistencies by 15%.
- Participated in audits and created comprehensive reports using Microsoft Access and Google Sheets, thereby strengthening strategic planning and process automation.
- **Skills:** Python, ETL, SQL, Microsoft Access, Excel, Power BI, Google Sheets.

Education

I Higher Technology Course (CST) in Systems Analysis and Development, Estácio de Sá University

March 2023 — June 2025

Postgraduate Degree in Software Engineering, Anhanguera University

March 2023 — April 2024

Postgraduate Degree in Systems Analysis, University of Minas

January 2021 — June 2021

Postgraduate Degree in Cloud Computing, University of Minas

July 2021 — November 2021

Postgraduate Degree in User Experience (UX) and User Interface (UI), University of Minas

January 2022 — June 2022

Bachelor's in Physics, Federal University of Santa Catarina

March 2013 — December 2017

Courses

Full Stack Engineer Certificate, Meta

November 2023 – December 2024

Modern Web Development, Udemy

February 2022 – April 2022

Front-End Developer Professional Certificate, Meta

November 2020 – February 2021

JavaScript and TypeScript, Udemy

February 2020 – April 2020

English Certificate (C1 Advanced), EF SET

May 2024

Qlik Sense | QlikView | Node.js | Git | SOLID, Udemy

May 2023 – May 2023

Figma | Python | SQL, Hashtag Courses

November 2023 – April 2024

Web API ASP .NET Core MVC, Udemy

February 2022 – March 2023

Docker, Kubernetes and Rancher, Udemy

April 2022 – June 2022

TypeScript Full Stack Developer, DIO

February 2021 - April 2021

Responsive Web Design, University of London

May 2024 – June 2024