Vinicius Otacilio Pereira

Software Developer

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QUALIFICATIONS SUMMARY

Software Developer with over 5 years of experience in building efficient, secure, and well-structured solutions. Focused on continuous learning and leveraging challenges as opportunities for growth. Committed to delivering high-quality results and contributing to the success of every project.

Experienced in **C#, .NET, ASP.NET Core, and PostgreSQL**, with additional expertise in **Ruby and Ruby on Rails**. Skilled in **JavaScript, Vue.js, and Node.js**, and proficient in using **Bootstrap, CSS, and Git** to support modern web development workflows.

Brings a strong analytical approach to solving technical problems efficiently. Recognized for teamwork and flexibility—key traits for developing effective solutions aligned with project requirements. Adaptable to change, consistently ensuring systems remain on track and aligned with business goals.

PROFESSIONAL EXPERIENCE

Software Developer - Exato Digital (July/2023 - Present)

Specializes in **C# development**, guiding projects from design to deployment with a strong emphasis on code quality and efficiency. Primary focus on creating and maintaining **.NET Core-based APIs** (6.0, 7.0, and 8.0), ensuring seamless integration with external services and maintaining data consistency. At **Exato Digital**, contributed to high-traffic APIs handling thousands of requests per minute, totaling over **30 million requests per month** and implemented performance enhancements that **reduced API latency by 25%**, contributing to better user experience and system stability under load. Experienced in crafting secure and performant queries using **PostgreSQL**, consistently optimizing both code and database interactions to enhance application responsiveness.

Develops and maintains an internal platform with **Ruby, Ruby on Rails**, and **RSpec**, collaborating with product and design teams. Leads interface development, defines architecture, and implements scalable solutions in B2B projects. Acts as a technical reference for clients, contributing to discussions on scope, timelines, and maintenance.

Applies a development approach grounded in best practices, including **unit testing, code reviews, Test-Driven Development (TDD), and asynchronous**

programming and refactored legacy modules and introduced unit tests, increasing **test coverage from 40% to 85%**, which reduced production bugs by **35%** over **3** months. Adheres to **SOLID principles** and applies design patterns such as **Repository** and **Factory** to create maintainable and scalable codebases. Well-versed in **Microservices architecture**, utilizing **Docker** for containerization and **AWS services** (EC2, S3, SQS) for reliable deployment, scalability, and infrastructure management. Stays up to date with the latest **.NET advancements** to continuously drive technical excellence.

Junior Software Developer - Exato Digital (Oct/2020 - Aug/2023)

Contributed to front-end development with **Vue.js**, creating responsive interfaces. Participated in full-stack development for the company portal, including **PostgreSQL** database modeling, **Vue.js** front-end, and **.NET** back-end, focusing on feature delivery and bug resolution and increased user engagement by **30%** by implementing UI improvements based on user feedback and usability testing.

Developed **SQL scripts** to support cross-departmental needs and collaborated on **web scraping** solutions. Automated internal processes using **Ruby on Rails** and applied performance optimizations to enhance **PostgreSQL database efficiency** and with that led the optimization of database queries in **PostgreSQL**, resulting in a **40% reduction in average query execution time** and improved overall system responsiveness.

Software Developer Intern - Exato Digital (Feb/2020 - Oct/2020)

As an intern, developed features for the company portal, including **PostgreSQL** database modeling, **Vue.js** front-end, and **.NET** back-end. Supported departments with custom **SQL scripts**, maintained and debugged APIs, and resolved system bugs, collaborating with **Product, UX**, and **Design teams**.

Software Development Intern - Z-Systems Software (Oct/2019 - Jan/2020)

Gained experience in web development during the internship, focusing on front-end technologies and working with **HTML, CSS, JavaScript,** and **React**, while deepening knowledge of web architecture and modern development practices.

LANGUAGES

- Portuguese (Native)
- English (Advanced – C2)

ACADEMIC EDUCATION

- **System Analysis and Development**
  Federal Institute of Education, Science, and Technology of São Paulo - IFSP
  Feb/2019 - Dec/2021

CERTIFICATIONS & COURSES
- Foundational C# with Microsoft - FreeCodeCamp (June/2024)