

# SÉRGIO PAULO MATOS DA SILVA

Senior Ruby on Rails Engineer

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## Summary

Senior Full-Stack Engineer with over 8 years of experience delivering high-quality web applications across diverse industries. Excels in backend development, with a strong focus on building scalable, efficient, and maintainable systems. Experienced in integrating third-party services to enhance functionality and streamline workflows. Skilled at solving complex problems and optimizing system performance for speed and reliability. Known for accelerating project timelines without compromising quality. Works well under pressure and consistently contributes to team success through collaboration and leadership. Successfully developed and launched several large-scale projects from start to finish.

## Skills

Ruby • Ruby on Rails • Node.js • Python • Java • Kotlin • C# • HTML • CSS • React • Bootstrap • Tailwind CSS • Redux • PostgreSQL • MySQL • SQLite • MongoDB • Redis • Docker • AWS • Elasticsearch • Kubernetes • CI/CD • Terraform • Heroku • JWT • Agile • Git • Postman • Kanban

## Experience

Truenorth Digital Ltd

Senior Full Stack Engineer

Remote

Surrey, Canada

11/2022 - Present

- Advanced from Developer to Lead Developer on a **Medical Supporting System** project, responsible for leading development efforts and ensuring high product standards in a critical healthcare domain.
- Significantly improved project delivery speed, cost efficiency, and system quality, directly supporting healthcare professionals through a more reliable and trustworthy platform.
- Led the architecture and implementation of core features, coordinated with cross-functional teams, and mentored junior developers. Focused on optimizing system design and solving complex technical challenges in a regulated environment.
- Shortened development timeline by 20days, enabling earlier product launch, Reduced overall development costs by 15% through efficient planning and code optimization.
- Increased system trustworthiness by 20%, sturdiness by 10%, and reliability by 15%, supporting critical medical use cases with greater confidence.
- Strengthened problem-solving skills by addressing difficult technical and architectural issues under strict quality requirements.

Uberdoo

Senior Full-Stack Developer

Remote

Toronto, Canada

10/2019 - 09/2022

- Progressed from Developer to Lead Developer on a **Remote Teaching System** project, overseeing the full development lifecycle and leading a cross-functional team.
- Played a key role in accelerating product delivery, improving system performance, and enhancing platform reliability for online education users.
- Directed development efforts, guided junior developers, and implemented architectural improvements. Focused on identifying and resolving complex technical issues, optimizing codebase, and improving overall system quality.

Ubivis

Senior Software Developer

Remote

Curitiba, Brazil

07/2017 - 07/2019

- Contributed to the development of a **Multi-Media Broadcasting System**, focusing on backend optimization and performance enhancements.
- Improved system speed and resolved critical bugs, resulting in a more stable and reliable platform.
- Enhanced real-time processing performance, enabling faster data transmission and smoother broadcasting workflows.
- Gained valuable experience in performance diagnostics, system tuning, and high-availability environments.

## Experience

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IBM Brasil – Indústria, Máquinas e Serviços Ltda

São Paulo, Brazil

Software Developer Intern

01/2017 - 07/2017

Onsite

- Contributed to the development of a trial e-commerce platform, enabling the team to run performance and usability tests ahead of schedule.
- Met and exceeded key performance targets in challenging assignments.
- Demonstrated adaptability by seamlessly integrating into diverse teams, reducing integration time and enhancing team productivity.
- Collaborated with cross-functional teams, adapted quickly to a hybrid corporate–consulting environment, and applied flexibility in analyzing new concepts and ideas.

## Education

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Western University

BACHELOR OF COMPUTER SCIENCE

09/2012 - 12/2016