Vinicius Lins Gesteira

Senior Software Engineer | Full Stack Developer | Technical Lead

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TECHNICAL SKILLS

Languages: Ruby, JavaScript, TypeScript, Python, Rust, Go, Scala, Elixir
Backend: Ruby on Rails, Node.js, GraphQL, gRPC, REST APIs, Sidekiq, RabbitMQ
Frontend: React.js, HTML/CSS, Responsive Design
Databases: PostgreSQL, Database Schema Design, Query Optimization, Data Migration
Cloud/DevOps: AWS, Google Cloud Platform (GCP), CI/CD Pipelines, Docker
AI/ML: LLM Integration, Prompt Engineering, OpenAI API, Anthropic API

PROFESSIONAL EXPERIENCE

Founder & Senior Software Engineer

Vinicde (Self-Employed) | Camaçari, Brazil | Jun 2025 – Present
Ruby on Rails, Rust, Python, RabbitMQ, PostgreSQL, GraphQL, gRPC, OpenAI, Anthropic

- Architecting vending machine software solutions with message queue workflows and background job processing for high-availability operations.
- Delivered a full AI agent and domain-specific chatbot for accounting workflows in 3 months (50% ahead of 6-month estimate), using functional programming principles across Scala, Ruby, and Elixir.
- Designing GraphQL, gRPC, and RESTful APIs with database schemas optimized for e-commerce solutions.

Senior Software Engineer

NEXTON (Consultancy) | US-Remote from São Paulo, Brazil | Jun 2024 – Present
Ruby on Rails, React.js, GraphQL, PostgreSQL, RabbitMQ, Rust, LLMs

- Implementing full stack solutions for financial sector clients, including RabbitMQ queue management and textual search services built with Rust.
- Integrated LLMs into core product workflows with prompt orchestration and fine-tuning for internal automation and user-facing features.

Technical Lead & Software Engineer

Lillio (formerly HiMama) | Toronto, Canada (Remote from Brazil) | Jul 2022 – Apr 2024
Ruby on Rails, React.js, PostgreSQL, Sidekiq, Rust, LLMs

- Led integration of large language models into production systems, enabling smart summarization, classification, and generation features.
- Directed a team of developers in adopting React.js, emphasizing interactive and responsive design patterns.
- Oversaw backend operations including advanced PostgreSQL management, Sidekiq implementation for background jobs, and Rust services for web scraping.
- Provided technical leadership in agile project management, promoting best practices in code quality and test-driven development.

Software Engineering Specialist

Cloudwalk | São Paulo, Brazil | Jan 2022 – Jul 2022
Ruby on Rails, PostgreSQL, Sidekiq, Go, GCP

- Engineered microservices and monolithic frameworks optimized for cloud environments, including database schema design and data migrations.
- Built CI/CD pipelines in Go and utilized Sidekiq for efficient background job management.

Technical Lead & Senior Ruby Developer

Globant | São Paulo, Brazil | Sep 2020 – Jan 2022
Ruby on Rails, Python, Go, AWS, RabbitMQ

- Led design and implementation of microservices deployed on AWS, managing a team of developers and guiding RabbitMQ integration for service communication.

• Enhanced system performance through caching mechanisms and service-oriented architecture adjustments; developed and enforced coding and testing standards.

Senior React and Node.js Developer

DB Server (Outsourcing) | São Paulo, Brazil | Dec 2019 – Sep 2020
React.js, Node.js, Google Cloud

• Spearheaded development of scalable web applications with modular architecture, designing robust API services for real-time functionality.
• Collaborated with cloud architects on GCP deployments; led sprint planning to ensure deliverables aligned with client expectations.

Ruby on Rails and React Developer

Bionexo/Mooven (Healthcare) | São Paulo, Brazil | Feb 2019 – Dec 2019
Ruby on Rails, React.js, PostgreSQL

• Developed healthcare applications with high compliance to medical data security and privacy standards; implemented comprehensive testing framework reducing production bugs.
• Conducted performance optimization for large datasets using advanced caching techniques; collaborated with healthcare professionals to tailor patient management features.

Ruby on Rails Developer

Nuuvem (E-commerce) | Rio de Janeiro, Brazil | Jun 2018 – Feb 2019
Ruby on Rails, PostgreSQL, Python, Go

• Engineered high-traffic e-commerce systems for digital distribution, focusing on scalability and transaction security; integrated multi-currency payment processing.
• Conducted load testing for system reliability under peak traffic; implemented web scrapers in Python and Go.

Earlier Experience

Total Commit, Freelance, RIP/Kaeffer | Brazil | 2014 – 2018
Ruby on Rails, Node.js, PostgreSQL

• Built e-commerce platforms, industrial project management systems, and custom business applications with focus on modularity, security, and performance optimization.
• Led development teams in agile settings; provided technical leadership for legacy system migrations and ongoing client support.

EDUCATION

Bachelor of Science in Information Systems

Universidade Federal da Bahia, Brazil | 2017