

Allan Klaus

Senior Software Engineer | Ruby on Rails Specialist

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SUMMARY

Software Engineer with 10+ years of experience specializing in Ruby on Rails and backend systems at scale. Proven record of upgrading legacy systems, optimizing performance, and mentoring teams. Experienced in remote-first environments, leading critical projects in healthtech and edtech. Passionate about building maintainable applications, sharing knowledge, and improving engineering culture.

SKILLS

Proficient: Ruby (Rails 5-7), Golang, JavaScript (React, Vue), PostgreSQL, MySQL, Redis, Docker, Sidekiq, Datadog, Terraform, GitHub Actions, CircleCI, GitLab CI, Legacy modernization, API integrations, Performance optimization, Mentorship

PROFESSIONAL EXPERIENCE

Software Engineer

Topia

Aug 2022 to Present

Core Responsibilities:

- Led the migration from Rails 5.0 to Rails 7.0, improving security and maintainability.
- Optimized report generation, achieving a 70% reduction in processing time.
- Integrated Datadog tracing for performance monitoring.
- Maintained internal admin systems used company-wide.

Key Technologies and Tools: Ruby on Rails, Golang, React, Electron, PostgreSQL, MySQL

Software Developer

Estratégia Educacional

Jan 2021 to Jan 2022

Core Responsibilities:

- Maintained and improved e-commerce sales systems.
- Implemented recurring payment system integrated with external providers.

Key Technologies and Tools: Golang, Vue, PostgreSQL, Terraform, GitHub Actions

Software Developer

Jaya Tech

Aug 2019 to Jan 2021

Core Responsibilities:

- Built and maintained telehealth systems using Rails.
- Implemented COVID-19 consultation scheduling system.
- Improved DoseSpot integration and PHI encryption.
- Migrated e-prescription service with zero downtime.

Key Technologies and Tools: Ruby on Rails, JavaScript, MySQL, Redis, Docker

Software Engineer

Locaweb

Apr 2016 to Aug 2019

Core Responsibilities:

- Refactored a 15-year-old legacy database with zero downtime.
- Improved email provisioning systems for G-Suite and Locaweb Mail.
- Mentored junior developers on Rails best practices.

Key Technologies and Tools: Ruby on Rails, PHP, Elixir, JavaScript, MySQL, PostgreSQL, Redis, Docker

EDUCATION**MBA, Artificial Intelligence**

FIAP

2024

Technologist, Software Analysis & Development

FATEC

2015

Ruby on Rails Bootcamp

Campus Code

2016

LANGUAGES

Portuguese: Native

English: Full Professional