

# Alexandre Queiroz Zamagna Bouhid

 Rio de Janeiro, Brazil •  +55 (32) 99160-3200 •  alexandre.bouhid@gmail.com  
 [LinkedIn](#) •  [Portfolio](#) •  [GitHub](#)

---

## Full-Stack Software Engineer

4+ years building scalable, maintainable web applications with Ruby on Rails, React, JavaScript, and NestJS.

Proven ability to lead technical efforts, own complex systems in production, and collaborate across teams. Strong background in both back-end architecture and front-end user experience.

Served as **Head of Support**, owning end-to-end bug resolution for **1,000+ users** through systematic debugging methodology: local reproduction, user-specific testing, production environment analysis, and infrastructure monitoring via CloudWatch/GCP, ensuring rapid issue identification and resolution.

## Technical Skills

- **Languages:** Ruby, JavaScript, TypeScript, SQL
- **Frameworks & Libraries:** Ruby on Rails, Hotwire (Turbo, Stimulus), React.js, NestJS
- **Databases:** MySQL, PostgreSQL, MongoDB
- **Tools & Cloud:** GCP (Cloud Run, BigQuery), AWS (S3, EB), GitHub Actions
- **Testing & Practices:** RSpec, Minitest, TDD, CI/CD, Git Flow, Agile

## Professional Experience

### KODE Health (Remote) — Full-Stack Developer

Sep 2025 – Present

- Built workforce management features enabling hospital managers to optimize control and forecasting of medical coder productivity using Ruby on Rails and Hotwire (Turbo Frames, Turbo Streams, Stimulus).
- Architected scalable solutions leveraging Event Sourcing patterns to improve application maintainability and audit capabilities.
- Accelerated feature delivery by 40% using AI-assisted development with Product Requirement Documents (PRDs), while maintaining 95%+ test coverage through comprehensive RSpec test suites.

### uMode (Remote) — Head of Support / Full-Stack Developer

Oct 2021 – Sep 2025

Lead developer at a remote-first SaaS startup. Primary owner of a Ruby on Rails monolith.

- Developed and maintained **80%+** of the Rails application, including complex business logic, service objects, and RESTful APIs.

- Designed dynamic frontends with React for key features like product customization, messaging systems, and annotation tools.
- Built internal tools to track user engagement and system usage (analytics dashboards, admin panels).
- Acted as tech lead: managed deployments, mentored junior devs, reviewed code, and partnered directly with founders.
- Oversaw the transition of core features to React components while keeping Rails views maintainable.

## **Dock (Remote) — Development Analyst**

**Jun 2021 – Oct 2021**

Worked on financial backend systems and integrations.

- Participated in the design of payment solutions and acquiring services.
- Collaborated across teams to integrate business rules into financial APIs.

## **Projects**

### **Visual Feedback Tool**

Built a collaborative annotation tool (Figma-style) with Rails and JavaScript. Enabled users to leave comments directly on PDFs/images, speeding up review cycles and reducing email churn.

### **User Engagement Tracker**

Admin panel to monitor user actions in real time. Captured field completion rates and tracked app usage to assess adoption. Built with Rails and React.

### **Analytics Dashboard**

Rails backend + custom SQL for querying large datasets (page views, object creation, client segmentation). Designed for performance and reliability at scale.

## **Core Strengths**

- Expert in building **production-grade Ruby on Rails systems** with integrated React/JS frontends
- Experienced in **owning features end-to-end**, from database to UI
- Strong communicator and mentor, used to working in **fully remote teams**
- Proven ability to translate business requirements into clean, scalable code

## **Education**

**Microverse** – Remote Full Stack Developer Program (2020–2021)

Full-time remote, 40h/week, Git/GitHub workflow, pair programming

**Federal University of Juiz de Fora – BSc Mechanical Engineering** (2013–2020)

Published ML research paper; automation experience (VBA)

**Wrocław University of Science and Technology (Poland)** – Exchange Program (2018–2019)

Courses in English, international cohort