

# Alexandre Queiroz Zamagna Bouhid

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## Full-Stack Software Engineer

4+ years building scalable, maintainable web applications with Ruby on Rails, JavaScript, NestJS, and React.  
Proven track record in remote team leadership, client-facing roles, and product impact.  
Primary owner of a production system used by over 1,000 users for over 4 years.  
Responsible for managing feature development, addressing support issues, and ensuring system reliability.

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## Technical Skills

**Languages:** Ruby (4+ yrs), JavaScript (4+ yrs), TypeScript (2+ yrs), SQL (4+ yrs)  
**Frameworks/Libraries:** Ruby on Rails (4+ yrs), NestJS (2+ yrs), ReactJS (2+ yrs)  
**Databases:** MySQL (4+ yrs), MongoDB (2+ yrs)  
**Cloud/DevOps:** GCP (Cloud Run, BigQuery, IAM), AWS (S3, EB, CloudWatch), GitHub Actions  
**Practices:** TDD (RSpec, Minitest), CI/CD, Agile (Scrum/Kanban), Git Flow

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## Selected Projects

- **Visual Feedback App** – Built an internal Figma-style tool that allows users to leave clickable comments directly on images and PDFs. This streamlined the feedback process, eliminating the need for lengthy comment threads and saving hours of back-and-forth communication.
- **User Activity Tracker** – Built an internal admin panel to monitor user behavior, including field completion rates and real-time interaction with the company's application. This tool enabled teams to assess user engagement and ensure effective adoption across clients.
- **Analytics Dashboard for Large-Scale Data** – Developed a comprehensive analytics system to track key metrics such as page visits and object creation per client. Designed to handle large datasets and complex queries efficiently, showcasing strong experience with performance tuning and big data processing.

## Core Strengths

- Lead developer for high-impact B2B product initiatives, from MVPs to production-grade systems
- Excellent communication and stakeholder alignment in English (CAE C2 certified)
- Proven mentoring ability; experience managing junior developers remotely

## Professional Experience

### **uMode (Remote) - Full Stack Developer**

**Oct 2021 – Present (4 years of experience with Ruby On Rails)**

- Lead developer and first engineering hire at a remote-first SaaS startup. Architected and implemented over 80% of a production-grade monolithic Ruby on Rails platform serving 1,000+ users across manufacturing and designing workflows.
- Designed and developed complex, scalable back-end systems using Ruby on Rails, RESTful APIs, and MySQL. Emphasized clean architecture, service objects, and modular code to maintain codebase quality.
- Delivered Figma-style image annotation tools using Ruby on Rails and JavaScript, enabling collaborative feedback and automation in print product customization, significantly reducing user friction and manual communication.
- Developed key features such as custom product editors, internal messaging/commenting systems, and inventory/order management. All built with Rails back-end logic and a JavaScript front end.
- Worked closely with founders and product stakeholders, shipping fast in an agile environment while maintaining high engineering standards.
- Acted as the go-to Ruby engineer, mentoring junior devs and providing long-term technical guidance.

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

**Jun 2021 – Oct 2021**

- Developed in-house payment processing solutions using a proprietary WMLScript-based language
- Collaborated across teams to integrate acquiring services into core financial products

### **Mercedes-Benz Brasil - Mechanical Engineering Intern**

**Sep 2017 – Sep 2018**

- Self-taught VBA to automate reporting workflows; automation praised and presented in international competition

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## Education

### **Microverse (Remote) - Remote Full Stack Developer Program**

Full-time pair programming + Git/GitHub workflow, 40h/week | 2020 – 2021

### **Federal University of Juiz de Fora (Brazil) - BSc in Mechanical Engineering**

2013 – 2020 | ML research paper published + presented internationally (C++)

### **Wroclaw University of Science and Technology (Poland) - Exchange Program**

2018 – 2019 | Courses in English, international cohort