## **Alexandre Queiroz Zamagna Bouhid**

Rio de Janeiro, Brazil • \$\scale= +55\$ (32) 99160-3200 • \square alexandre.bouhid@gmail.com

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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.

#### 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

#### 🏆 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

- Experience in the migration of legacy Reports Dashboard to NestJS/MongoDB, improving performance and scalability
- Built and launched a voting platform for product decisions, generating R\$40k+ in MVP revenue
- Designed a Figma-style image feedback tool integrated with PDF report generation
- Led process improvements using the Kanban Maturity Model; mentored junior team members

# **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

### 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++)

Wrocław University of Science and Technology (Poland) — Exchange Program 2018 – 2019 | Courses in English, international cohort