

GABRIEL MOTERANI

SOFTWARE ENGINEER/SENIOR SOFTWARE DEVELOPER/FULL STACK ENGINEER/JAVASCRIPT SENIOR SOFTWARE ENGINEER

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PROFILE SUMMARY

Solutions-oriented professional with expertise in various platforms/tools and excellence in delivering business value through quality software. Proficient in advanced development methodologies, tools, and processes, able to build highly scalable and performant production-level applications from the backend to frontend and distributed systems. Able to assess risk and define, gather, and translate complex user requirements into practical, cost-effective software solutions. Committed to driving innovation and utilizing the latest technologies to deliver solutions in multiple domains.

CORE SKILLS & COMPETENCES

- Highly motivated and self-directed capable of managing multiple tasks in a deadline-driven, dynamic environment.
- Demonstrated critical thinking and creative problem-solving skills with the ability to manage multiple issues while maintaining short response and resolution times.
- Exceptional communication skills, with the ability to translate technical subject matter to non-technical audiences.
- Able to collaborate with cross-disciplinary teams to conceive, design, and bring innovative products and services to market.

WORK EXPERIENCE

RESEARCH SOFTWARE ENGINEER [2025-Current]
Algoma University | Toronto, Canada.

- Responsible for the development team of Machine Learning and LLMs systems for research purposes.
- Led a team of developers to create a mobile web extension to improve accessibility in WCAG non compliance websites.

STAFF ENGINEER [2022-2025]
Zenvia (NADASQ ZENV) | São Paulo, Brazil

- Responsible for the Core and Platform teams and products. Led two teams with 6 software engineers in each one.
- Led a team of developers to create innovative solutions using ChatGPT on the platform, resulting in a seamless user experience.
- Led a team of developers to create a new version of the Zenvia Platform, focused on integrating the company products, performance, and scalability.

CTO [2020-2022]
Pingback | Belo Horizonte, Brazil

- Led a team of developers to create tools for reaching, engaging, and monetizing any community or audience using Javascript with Nodejs and Reactjs.
- Conceptualized and architected infrastructure solutions instrumental in meeting strategic goals organization-wide.
- Assembled development, quality assurance, and implementation methodologies, processes, and teams to support a demanding customer base and highly aggressive business goals.
- Directed the development and implementation of infrastructure in AWS using Terraform as IAC.

DEVELOPER & TECH LEAD [2019-2020]
Usabit | Rio de Janeiro, Brazil

- Managed and led the development of the new investment app of Necton (Brazilian stockbroker).
- Investigated and provided solutions to critical system issues and addressed issues such as performance tuning.
- Served as Tech Lead for several project implementations.

DEVELOPER AND CO-FOUNDER [2016-2018]
Mercatório | Belo Horizonte, Brazil

- Served as a hands-on lead for a team of developers responsible for building Mercatório using Ruby on Rails, Angular 2, and AWS to host services and deploy a Data Lake for the big data system.
- Coordinated project meetings involving test and development teams to monitor module progress.
- Developed technical specification documents and attended meetings with business and testing teams to review functional and technical documents.

IT DESKTOP TECHNICIAN [2012-2014]
Alex Eletrônica | Brazil

- Conducted on-site repair and preventive maintenance on personal computers and related peripherals.

EXPERTISE

- Agile Software Development
 - Software Development
 - System Design
 - Requirement Analysis
- Process Improvement
 - Quality Assurance
 - Nodejs
- React.js
 - Javascript
 - Project Management
 - Team Management

EDUCATION

MASTER'S DEGREE IN COMPUTER SCIENCE
Algoma University | Canada
2024-2025

BACHELOR'S DEGREE IN INFORMATION SYSTEMS
Fundação Mineira de Educação e Cultura | Brazil
2018-2021