# MARCELO ALARCON

# FULL-STACK SOFTWARE ENGINEER Email | GitHub | LinkedIn | Twitter | Medium | Portfolio |

#### **SUMMARY**

Junior Full-Stack Software Engineer, earned a final grade of 100% on thesis work. Fueled by a lifelong passion for PCs and keen to apply web application knowledge. Tackles challenges with creativity and resourcefulness, fostering an eagerness for daily learning. Commits to developing user-friendly, clean code applications. Relevant software skills encompass React, Ruby on Rails, PostgreSQL, and Testing.

### **SKILLS**

Front-End: JavaScript, React, Redux, jQuery, HTML5, CSS3, Tailwind, Next js Back-End: Ruby, Rails, MySQL, Node js, Express js.MongoDB, PostgreSQL

Tools & Methods: Git, GitHub, Heroku, Netlify, Mobile/Responsive Development, RSpec, TDD, Chrome Dev Tools.

**Professional**: Remote Pair-Programming, Teamwork, Mentoring, and Critical Thinking.

### **EXPERIENCE**

#### HIGHLIGHTED TECHNICAL PROJECT

Remote

#### **Full-Stack Software Engineer**

November 2022 - Present

Mastering intermediate and advanced topics in full-stack development (including Testing, Git, and DS&A challenges) while building multiple full-stack and front-end projects independently and via pair programming (as a team).

<u>Venom Precision</u> — Your go-to source for all things Paintball that uses React and Ruby on Rails API mode to let an authenticated user navigate, publish and reserve products to test.

• Built with: (React, Redux, Ruby on Rails, and PostgreSQL).

<u>Roman Emperors React</u> — Dive into the fascinating history of the Roman Empire through this SPA website that uses several React Hooks and API asynchronous connections.

• Built with: (React, Redux, API).

<u>Blog Ruby on Rails</u> — Monolithic Blog with User Authentication, Authorization, and Database Integration. Built with: (Ruby on Rails and PostgreSQL).

MICROVERSE Remote

Mentor (Volunteer)

November 2023 - Present

- Mentored 4 junior web developers per week, providing technical support via Slack and Zoom.
- Proposed improvements to code organization to improve code quality and overall performance by 30%.
- Strategized and implemented motivation-enhancement advice, leading to a significant 50% reduction in student dropout rates within a four-month timeframe.

### NUEVATEL PCS DE BOLIVIA

La Paz, Bolivia

#### **Communication Solution Store Manager**

February 2011 - March 2021

- Proposed improvements to organization procedures to optimize customer satisfaction in mobile tech by +40%.
- Modernized sales techniques to reach company goals and deadlines. Sales rates increased by 32% in three months.

### **EDUCATION**

#### **MICROVERSE**

November 2022 - Present

#### Remote Full-Stack Web Development Program, Full Time

- Spending 1300+ hours mastering algorithms, data structures, and full-stack development while simultaneously developing projects with Ruby on Rails, React, Redux, PostgreSQL, Javascript, and Tailwind.
- Developing skills in remote pair programming using GitHub, industry-standard git-flow, and daily standups to communicate and collaborate with international remote developers.

## UNIVERSITY SALESIANA OF BOLIVIA

January 2012 - January 2017

### **System Engineer**

Excellence grade Thesis with Java.