**MARCELO ALARCON** FULL-STACK SOFTWARE ENGINEER

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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).

[Venom Precision](https://github.com/chelobotix/VenomPrecision-back-end) — 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).

[Roman Emperors React](https://github.com/chelobotix/Roman-Emperors-Capstone) — 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).

[Blog Ruby on Rails](https://github.com/chelobotix/Blog-Ruby-on-Rails) — 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.