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Javier Alejandro Ronda Borzone

Software Engineer

About. I'm a Software Engineer with expertise in digital transformation, system integration, application development, and research & development. With experience across industries ranging from mining to education, I work to enhance collaboration, streamline workflows, and implement solutions that align with both technical and business goals.

Technical Skills

- **Programming Languages:** Ruby, C#, C/C++, Java, Php, Javascript, Typescript
- **Frameworks and Libraries:** Ruby on Rails, .NET Core, Spring Boot, React, QT.
- **Tools and Platforms:** DocuSign API, Hubspot API, Keycloak, Docker.
- **Other:** Microservices architecture, Systems integration, Clean Architecture.

Education

2012, Universidad Técnica Federico Santa María

Ingeniería Civil Informática

Experience

April 2023 - Now, Academia Desafío Latam

Technical Lead.

- **Team Leadership** Lead a team of developers by assigning tasks, mentoring them through complex challenges, and fostering a collaborative environment. Conduct regular 1:1 meetings to improve communication, provide feedback, and proactively resolve blockers.
- **Digital Transformation & Systems Integration** Orchestrated the integration of key company systems as part of a broader digital transformation initiative. Designed and implemented solutions that eliminated fragmented data, reduced data loss, and minimized duplication across platforms, enhancing operational efficiency and data consistency. This initiative laid the foundation for improved workflows and better informed decision-making across the organization.
  Tech Stack: Ruby on Rails, Node, React, Laravel, AWS, Linode, Datadog, Docker.

December 2021 - February 2023, Evernote

Software Engineer.

- **Identity provider migration** Contributed to the design and implementation of key features for the migration to a new identity provider, focusing on ensuring a smooth transition with no disruptions to login services. Worked closely with senior engineers and cross-functional teams to meet security and performance standards.
- **Default Avatars Modernization** Designed and implemented a cross-platform solution for default avatars used across multiple client applications. This modernization enhanced visual consistency, reduced technical debt, and streamlined maintenance efforts across platforms.
  Tech Stack: JavaSpring, React/React Native, GCP, Datadog.

March 2019 - November 2021, Modyo

Software Engineer.

- **Legacy Monolithic Application Maintenance** I was responsible of maintain and implement new features in multiple rails legacy applications for different clients.
- **University Registration App** For university onboarding application, designed and implemented a microservice to manage and sign contracts, integrated with Docusign's API.
- **Identity provider integration** Implementation and design a solution to integrate a non-standard Oauth2 API to our CMS that was OpenId compatible only, using another identity provider (keycloak) as proxy.
  Tech Stack: Ruby on Rails, Javascript, Java Spring, Keycloak, AWS.

July 2018 - October 2018, YXWireless

Sr Software Engineer.

- **IoT Platform Maintenance and Development:** Maintained an IoT platform for electric entry gates, covering both the microcontroller firmware for gate systems and the main web platform.
  Tech Stack: C/C++, PHP.

April 2017 - January 2018, TiMining

Sr Software Engineer.

- **Base Code Refactoring:** Refactored the application's core codebase to streamline the architecture, making it more maintainable and significantly simplifying the implementation of new features. This effort improved code readability, reduced technical debt, and enhanced overall development efficiency.
  Tech Stack: QT, C++, Python.

Julio 2011 - Agosto 2016, Gestión y Economía Minera / BOAMine

Software Engineer.

- **Research and Development** Collaborated on creating a prototype of a cutting-edge mine planning algorithm during my internship, which led to my continued role as a full-time employee due to my valuable contributions.
- **Mine Planning Software Design and Development** Co-designed and developed a software solution for generating long-term mine plans based on the algorithm. Mentored new engineers by teaching them key aspects of the algorithm, facilitating a smooth onboarding process.
- **Reporting Module** Engineered a module to generate exportable mine material flow reports, significantly enhancing reporting capabilities.
  Tech Stack: C, .Net, C++, WPF.