PABLO CÁCERES LUZANTO
Software Engineer

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PROFESSIONAL PROFILE

Civil Engineer in Computer Science with 5 years of experience in web development using Ruby on Rails and PostgreSQL. Focused on designing scalable and maintainable SaaS solutions. Skilled in understanding end-user needs and translating them into useful and functional experiences. Committed to continuous value delivery, code quality, and effective collaboration within agile, multidisciplinary teams.

WORK EXPERIENCE

Software Engineer, Buk | 2020 - Present

- **Main projects**
  - Design and implementation of a module to comply with tax regulations by integrating with a certified external API for payroll document transmission. Built and validated JSON payloads for synchronous communication using Net::HTTP, handling errors and timeouts. Frontend development with Cells for modular views, including filters, pagination, and synchronous bulk actions. Automated testing of full workflows using Minitest, FactoryBot, mocks, and stubs. Stored JSONs for traceability, enabled PDF downloads from the provider, and dynamically generated Excel reports with RubyXL. Later, usability and performance improvements were led, resulting in a significant reduction in user-reported tickets.
  - Development and implementation of a module to manage differentiated calculations for severance processes, extending existing functionality and leveraging established technologies and structures to deliver a robust and reliable solution. The main challenge was managing the cross-functional impact of the new logic across several parts of the application, ensuring full system consistency. Unit and integration tests were implemented to ensure quality and stability. Feature flags were used via Flipper Cloud to enable controlled and gradual rollout.

- **Key collaborations and responsabilities**
  - Participation in multiple minor continuous improvement initiatives, including refactoring of existing logic, automation of internal processes, functional support for critical modules, and resolution of production bugs. Contributed from business understanding to technical implementation using Ruby on Rails and PostgreSQL, with a strong focus on quality, attention to detail, and user experience.
  - Acted as a technical point of contact (internal KAM) in multiple coordination efforts, supporting external teams in the design and implementation of new features that directly impacted the payroll module under my responsibility. This involved anticipating system-wide impacts, aligning technical and business requirements, and ensuring proper integration of the developments.

- **Technical practices and tools**
  - Collaboration in multidisciplinary teams using agile methodologies, participating in discovery, planning, estimation, and retrospectives.
  - Familiarity with gems such as: Devise, CanCanCan, Delayed::Job, Flipper, PaperTrail, SimpleForm and others.
  - Testing experience with Minitest, FactoryBot, mocks, and stubs.
  - Decoupled frontend development using the Cells gem.
  - Experience with RubyXL gem for generating Excel reports.
  - Application of best practices and code style enforcement using Rubocop.

PROFESSIONAL TRAINING

Civil Engineer in Computer Science and Bachelor of Science in Engineering, Universidad de Santiago de Chile, 2014-2020.

REMARKABLE SKILLS

Experience in development with Ruby on Rails and PostgreSQL, with a strong focus on code quality, testing, and best practices. Attention to detail, proactive mindset, and ownership of tasks from start to finish. Always eager to learn and improve. Native Spanish speaker with advanced English reading and writing skills, and intermediate oral communication skills.

FURTHER INFORMATION

- Version control experience with Git using GitLab or GitHub.
- Agile project management with Jira.
- Monitoring and metrics visualization with Grafana.
- Error monitoring and reporting using Sentry.
- CI/CD experience with Jenkins (GitHub) and GitLab CI.
- Feature flag management using Flipper Cloud.
- Experience in customer support environments via Zendesk and Freshdesk.