Sebastián Ignacio Riquelme Muñoz

Software Engineer — Full Stack Developer

+56950438455 riquelmemunozsebastian@gmail.com LinkedIn sebastianriquelme.cl

Professional Profile

- Software Engineer at Walmart, building services that scale globally to reach millions of people, collaborating with multidisciplinary teams in both English and Spanish on high-volume, high-availability systems. Computer Science and Telecommunications Engineer with proven experience transforming manual processes into scalable digital systems that optimize operations and double operational margins. I combine solid software engineering foundations with a focus on performance and reliability at scale.

Professional Experience

Walmart **2025 – Present**

Software Engineer *Santiago, Chile*

- Building services that scale globally to reach millions of people, at one of the world's largest retail companies.
- Collaborating with multidisciplinary teams in English and Spanish, applying software engineering best practices in high-demand environments.
- Working on high-volume, high-availability systems where performance and reliability at scale are critical.

Influence Latam **March 2023 – 2025**

Full Stack Developer — Technical Project Lead *Santiago, Chile*

- Designed and developed a comprehensive campaign management system (capstone project) projected to double operational margins (from 10% to 20%) by providing complete cash flow visibility and controlling 100% of company financial transactions.
- Built four critical modules (Quotes, Billing, Influencer Directory, Production) that streamline the complete financial workflow, with algorithms to calculate key metrics such as cost per reach (CPR) and cost per engagement (CPE).
- Migrated critical business processes from Google Sheets to a modular web application with corporate authentication, enabling standardized management of 8,000+ influencers across 7 countries.
- Architected a Google Cloud solution (App Engine + Cloud SQL) that enables Account Managers to efficiently handle 5-7 concurrent campaigns with real-time budget tracking and automated deviation alerts.
- Developed dynamic benchmarks using current data to replace outdated 3-year-old static indicators, significantly improving financial forecasting accuracy.
- Established the appinfluence.cl domain with SSL certificate, configuring automatic scaling and production performance monitoring.

Universidad Diego Portales **2023**

Substitute Lecturer in Web Development *Santiago, Chile*

- Delivered theoretical and hands-on classes to 34 engineering students over one month, achieving a 90% project completion rate.
- Created practical exercises focused on modern web architectures and full stack development applicable to industry environments.

Universidad Diego Portales Lab **March 2022 - December 2022**

Web Developer *Santiago, Chile*

- Developed key features for the labeit.udp.cl web application, enhancing CRUD modules and inventory management systems to streamline lab operations.
- Built an automated email notification system that significantly improved the equipment checkout process for university students.

Universidad Diego Portales **2022 – 2023**

Web Development Teaching Assistant *Santiago, Chile*

- Taught practical classes to a total of 258 students over several semesters, with a hands-on approach that achieved 85% course approval rate.
- Designed and evaluated full stack projects that integrated real APIs and databases, preparing students for current professional challenges.

Education

Universidad Diego Portales **Santiago, Chile**

Computer Science and Telecommunications Engineering *2018 – 2025*

- Capstone Project: *"Influencer Marketing Campaign Management System"* - Implemented in production at Influence Latam as central platform to optimize financial and administrative operations.

Technologies and Skills

- **Core expertise**: React.js, Node.js, Express.js, MySQL, GCP (App Engine, Cloud SQL), JavaScript, Git, REST APIs, OAuth 2.0
- **Proficient in**: Python, Flask, Bootstrap, TailwindCSS, MongoDB, Docker, JWT, Prisma ORM
- **Familiar with**: Java, C++, PHP, Redis, AWS, Mongoose ODM, Linux
- **Architecture & design**: Microservices, large-scale distributed systems, messaging with Apache Kafka, legacy system modernization, relational database design, modular development, web security & authentication, RESTful API design, cloud deployment
- **Project management**: Agile methodologies (Individual Scrum), requirements analysis, technical documentation, team mentoring