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Marcelo Riveros Moya
Senior Software Engineer

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Full-stack Software Engineer with 6+ years of experience designing and deploying high-performance web and mobile applications. Proven leader in building scalable, cloud-native systems and driving measurable business outcomes (e.g., 15x DAU growth, 20x latency reduction). Experienced in leading cross-functional teams, optimizing developer workflows, and mentoring engineers. Passionate about building innovative products that enhance user experience. Open to relocation.

Work Experience

Senior Software Engineer **MACH** **May 2023 - Present**
Payments team Santiago, Chile
- Led a team of 7 engineers to build a Server-Driven UI framework, decreasing SDK development time-to-market over 1 month, and having the opportunity to do A/B testing to do experiments rapidly.
- Designed a real-time Monitoring tool to detect and alert on 3rd-party service degradation, enhancing system reliability.
- Built a CLI tool to automate internal processes using AI, reducing manual review time from minutes to seconds.
- Optimized SDK authentication and database performance, reducing endpoint latency from 2s to <100ms.
- Extended QR Payment services with new acquirers, payment methods, and features; contributed to DAU growth from 20K to 300K.
- Delivered parking integration for a major retail chain via third-party APIs.
- Contributed to the automation of store conciliation and compensation processes using the SDK public transport feature, leveraging event-driven architecture to enhance performance, observability, and resiliency
- Mentored junior engineers, conducted technical interviews, and contributed to cross-team development efforts.

Software Engineer II **MACH** **Dec 2021 – May 2023**
SDK Team Santiago, Chile
- Designed and implemented backend SDK infrastructure using AWS and microservices architecture. Used in 5+ major banking apps.
- Developed a company-wide TTL message queuing tool.
- Developed QR Payment service that allows users to pay using their phones in 10 segs in avg, MAU of 20K.

Senior Software Engineer **ResIT** **Nov 2020 – Dec 2021**
Santiago, Chile
- Lead development team of 4 engineers. Worked along with clients and designers to ensure app's functionalities, quickly delivering apps to validate and iterate with users.
- Created a virtual queue for huge retail company used daily by 5K clients.

Software Developer **ResIT** **Jan 2018 – Nov 2020**
Santiago, Chile
- Developed several apps for multiple fields, such as banking, HR, ERPs.

Technologies and Languages

- **Languages**: Javascript/Typescript, Python, Ruby, Kotlin, Java, Elixir, Go
- **Frameworks & Libraries**: React, React Native, Ruby on Rails, Node.js, Angular, GraphQL, Springboot.
- **Databases**: PostgreSQL, MongoDB, DynamoDB, MySQL.
- **Tools & DevOps**: AWS (ECS, Lambda, S3, SNS, SQS, ElastiCache), Docker, Redis, Kafka, GitHub Actions.
- **Key Skills**: System Design, API Development, Cloud infrastructure, Team Leadership.

Education and Certifications

- **B.Sc. Computer Science,** Pontifical Catholic University of Chile.   **2017 - 2021**
- **B.Sc. Mathematics and Natural Sciences,** Pontifical Catholic University of Chile.   **2013 – 2017**
- **Oracle Java SE Developer 1z0-819**   **2025**

Awards and Recognitions

- Awarded 'Achieving Ambitious Goals' for outstanding performance, agility, and solution delivery at MACH & BCI.
- Awarded 'EPIC Project Award' for SDUI project.