

Alan Quintero

San Diego, CA | alanq.swe@outlook.com | <https://alanquintero.github.io/> | <https://www.linkedin.com/in/alan-quintero/>

SENIOR SOFTWARE ENGINEER

Experienced Senior Software Engineer with 10 years of expertise in Java back-end and Android development. Proven success in high-scale environments (Meta, Apple), delivering robust, scalable solutions that enhance user experience and system performance. Passionate about continuous learning, process optimization, and clean, maintainable architecture.

TECHNICAL SKILLS

- **Programming Languages:** Java, Kotlin, SQL
- **Backend Development:** Spring Boot, Spring MVC, Hibernate, REST API design, Microservices
- **Android Development:** Android SDK, UI design, Espresso testing, performance optimization
- **Testing & Quality:** JUnit, Mockito, Espresso, SonarQube
- **Cloud & DevOps:** Jenkins, CI/CD pipelines, Version control (Git), Build tools (Maven, Gradle)
- **Databases & Data Processing:** Oracle SQL, MySQL, data parsing
- **Core Engineering Concepts:** A/B testing, parallelism, caching

PROFESSIONAL EXPERIENCE

Meta | Remote (Menlo Park, CA) |

11/2020 – 04/2025

Senior Software Engineer

- Architected and developed the Android UI for Facebook posts within the Messenger Friends tab, a key feature that **increased user time spent in the app by 10%**.
- Engineered the core Android messaging infrastructure for Meta AI integration on WhatsApp, supporting seamless AI-powered user experiences for millions of users.
- Optimized WhatsApp messages send latency by **20%** via strategic A/B testing, implementing parallel processing, advanced caching, and code refactoring; directly supported scaling group participant limits from 256 to 1024.

Bind | Remote (San Francisco, CA) |

05/2020 – 10/2020

Software Engineer

- Enhanced and maintained a claims processing system for a healthcare insurance platform, implementing new features and resolving critical bugs.
- Reduced technical debt by **85%** (as measured by SonarQube) through targeted code quality initiatives and bug fixes.
- Automated and documented the integration process for a third-party .NET vendor application, improving team efficiency and system reliability.

Zume | Mountain View, CA |

09/2019 – 03/2020

Software Engineer

- Developed full-stack solutions for the food delivery platform, building RESTful microservices and internal web applications.
- Designed and implemented a customer-facing demo application using Vue.js to showcase the food pickup experience, directly supporting sales and client acquisition efforts.

Talix | Hybrid (San Francisco, CA) |

09/2018 – 08/2019

Software Engineer

- Improved a medical text analysis engine by developing algorithms to identify and extract clinical concepts from unstructured text.
- Boosted medical concept recognition accuracy by 5% by implementing an alpha-sort algorithm for multi-word concepts.
- Enhanced precision of concept recognition by 3% by creating algorithms to parse and interpret special characters within clinical documentation.

Infosys (Client: Apple) | Sunnyvale, CA |

06/2017 – 09/2018

Technology Analyst

- Designed and developed a Java-based RESTful microservice as middleware for internal systems, enabling reliable and scalable data exchange.
- Optimized data transformation and integration logic, **reducing response latency by 30%** and significantly improving system performance.

IT Consulting | Mexico

01/2015 – 05/2017

Software Developer

- Delivered back-end Java solutions for clients including General Electric, USAA, and Charter, leading the migration of legacy desktop applications to modern web platforms.
- Led small development teams, conducted code reviews, and established unit/integration testing standards, improving code quality and team velocity.
- Mentored and trained interns, fostering team growth and ensuring adherence to best practices.

EDUCATION

Bachelor of Science (B.S.) in Computer Systems Engineering

Universidad Autonoma de Aguascalientes. Aguascalientes, Mexico