

Alan Quintero

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Software Engineer

Experienced Software Engineer with more than 10 years of experience specializing in back-end and Android development. Industry experience in Messaging, Social Media, Insurance, Healthcare, Food Delivery, IT Consulting, and Web Design. Committed to continuous learning, process optimization, and delivering clean, maintainable code.

Skills

Problem Solving | Focused & Independent Work | Continuous Learning | Process Optimization | Documentation & Knowledge Sharing

Experience

Meta, Remote – based in Menlo Park, CA

11/2020 – 04/2025

Software Engineer

- Designed and implemented the Android UI for Facebook posts in the Friends tab of Messenger, contributing to a 10% increase in user time spent in the app.
- Developed the Android messaging infrastructure necessary to support Meta AI on WhatsApp.
- Conducted A/B testing to analyze and optimize WhatsApp message send times, achieving a 20% improvement through parallelism, caching, and code enhancements—supporting the increase in group participants from 256 to 1024.
- Technologies involved: Android | Java 10 | Kotlin | JUnit | Espresso | Git

Bind, Remote – based in San Francisco, CA

05/2020 – 10/2020

Software Engineer

- Healthcare Insurance Industry: worked on the claims system implementing new functionality and fixed bugs in the back-end, reducing the bugs reported by sonarQube by 85%.
- Contributed to the integration, automation, and documentation of a claim process that uses a .NET vendor application.
- Technologies involved: Java 11 | Spring Boot | Gradle | AWS | JUnit 4 | Jenkins | Sumo Logic | Git | SonarQube

Zume, Mountain View, CA

09/2019 – 03/2020

Software Engineer

- Food Industry: worked on the back-end development to implement REST microservices and worked on the front-end to create an internal web application. Created a web application using VueJS to present demos to potential clients in order to show the customer food pickup experience.
- Technologies involved: TypeScript / JavaScript | ExpressJS | VueJS | Jest | Redis | Git | JSON

Talix, Hybrid – based in San Francisco, CA

09/2018 – 08/2019

Software Engineer

- Healthcare Industry: worked on back-end development in Java to enhance and maintain a medical text analysis tool designed to identify and extract medical concepts from clinical text.
- Increased the accuracy of the recognition of medical concepts by 5% by implementing an alpha sort algorithm for concepts within 5 to 7 words.
- Implemented algorithms to recognize special characters, increasing the precision recognition of medical concepts by 3%.
- Technologies involved: Java 7 | JUnit | Apache OpenNLP | CVS | Oracle SQL | Tomcat

Infosys, Sunnyvale, CA

06/2017 – 09/2018

Technology Analyst

- Client: Apple
- Developed a Java-based RESTful microservice to act as middleware between internal systems, enabling reliable and scalable communication. Optimized data transformation logic, reducing response latency by 30% and improving system integration performance.
- Technologies involved: Java 8 | REST | Maven | JSON | JUnit 4 | Mockito | Git | Tomcat

IT Consulting, Mexico

01/2015 – 05/2017

Software Developer

- Worked with leading consultancies on projects for General Electric, USAA, and Charter.
- Contributed to back-end Java development including migration of desktop applications to web, RESTful web service design, and process improvements that enhanced user experience.
- Led small teams, conducted code reviews, created unit and integration tests, and provided Java training for interns. Collaborated effectively with remote teams to deliver high-quality solutions on time.
- Technologies involved: Java | Spring MVC | Spring Boot | REST | Hibernate | Maven | JUnit | Mockito | Selenium | Git | Oracle SQL | MySQL | SonarQube | Jenkins

Education

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

Universidad Autonoma de Aguascalientes. Aguascalientes, MX