

Alan Quintero

Computer Systems Engineer

CONTACT INFORMATION

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Work authorization: U.S. citizenship

SUMMARY

I am an experienced Software Engineer with a proven career track of 5 years of experience, specialized in back-end development. I have worked in some sectors, creating new solutions, and providing enhancements for existing Web Applications. Most of the time I have been working with Java but I have also developed web applications through open-source Front-end and Back-end technologies. I am familiarized with a 100% Agile environment.

Eager to learn modern technologies. Practicing and studying every day to improve my personal and technical skills.

EXPERIENCE

Software Engineer

September 2018 to Present

Talix – San Francisco, California USA

Startup company

- *Healthcare industry*: working in the back-end development to improve and maintain the existing application.
- Improve the current code, I created a Generic class to run other classes needed for debugging locally.
- Understand the business and learn all the components of the application, I have direct contact with the CTO.
- Created some basic classes used for the NLP framework.

Technologies involved: Java 7, J2EE, Apache OpenNLP, CVS, Oracle, Apache Tomcat, IntelliJ and Ubuntu

Technology Analyst

June 2017 to September 2018

Infosys Limited – Sunnyvale, California USA

Client: Apple

- *Internal Framework*: worked in the back-end development to implement a framework application used to request and get information.
- I was part of a project in which I was working with Spring Boot creating RESTful web services to get information from Oracle database.
- I worked on a project in which I use an internal framework to create RESTful web services, I am using Java to call another application in Scala. I implement algorithms to transform the data into the desired input for the Scala application and after that, I have to transform the Scala output to the expected response. Sometimes I have to create Cassandra queries to complete the input for the Scala application.
- That Java-Scala project is very different from the other projects on which I had worked on. There is no methodology, I am in charge of the Java framework and I am the only one who works on it. The clients explain to me the requirements and I have to implement all the code, they are not reviewing my coding style, they are only reviewing that the framework accomplishes the expected performance.

Technologies involved: Java 8, J2EE, Spring Boot, Spring Security, RESTful, Maven, JSON, JDBC, Hibernate, JUnit 4, Mockito, Git, Oracle, Cassandra, Scala, Apache Tomcat, Eclipse and macOS

Software Engineering Sr. Analyst

August 2016 to June 2017

Accenture - Monterrey, Mexico

Client: Charter

- *Mass Media Services*: worked in the back-end development and sometimes in the front-end to implement a new web application based on an existing one.
- I had to refresh my knowledge of Java, JUnit, and Spring framework, and I had to learn how to create integration tests. I had to create backend RESTful web services, starting from the design of the request/response, creating the infrastructure in the layers of Spring and finally creating and optimizing queries to get information from the database.

- I had the responsibility to implement code style to the whole project, I had to be very careful to not create bugs in the code. I had to review code from other developers and did the manual testing on the web pages.
- I volunteered myself to learn Selenium in order to help the tester with the work, apart from that all the team was working remotely, both things were a good challenge for me.

Technologies involved: Java 8, J2EE, Spring Boot, Spring Security, RESTful, JDBC, Hibernate, Maven, JUnit 4, Mockito, Selenium 2, Git, MySQL, Teradata, Sonar, Apache Tomcat, Jenkins, JSON, XML, Swagger, Google Check style, Eclipse, Atlassian Suite, Windows and Agile Methodology

Java Developer

April 2015 to August 2016

Tata Consultancy Services - Guadalajara, Mexico

Client: USAA

- *Health and Insurance Services:* worked in the back-end development and sometimes in the front-end to implement a new line of business for a web application.
- I applied my knowledge in programming to learn how to work in the client's framework, it was a private framework. I received online training from the clients and I had to teach my coworkers how to work with the framework, I created technical documentation to improve the development process.
- I worked mostly creating back-end services to get database information and send it to the front-end, I also had to create unit tests. I proposed some visual improvements to the web pages of the web application.
- I was in charge of the Mexico team, a team of three. I had to coordinate with my client to get the requirements and assign tasks to the team.
- I took the initiative to conduct a Java training for beginner programmers with the aim of estimate and create a Java desktop application to book conference rooms. The Java application was being used by more than 200 coworkers.

Technologies involved: Java 6, J2EE, JUnit 4, JavaScript, JSP, HTML5, Oracle, Eclipse, IBM Rational Team Concert (RTC), Windows and Scrum

Java Developer

July 2013 to March 2015

Softtek - Aguascalientes, Mexico

Client: General Electric

- *Financial Services:* worked in the back-end development in the migration of a desktop application to a web application.
- I learned to use Java at a professional level, I learned how to use Spring framework, how to connect my Java application to a database and I had to learn the best manner to create queries, I also learn how to test my code by applying unit testing, tested the code from other developers (in the back-end and front-end), and I tried to apply the best practices of programming.
- It was my first job, I started working one year and six months before I finished university. I had to learn how to work in a team environment and how to work in an agile environment.

Technologies involved: Java 6, J2EE, Spring MVC 3, Maven 3, RESTful, JUnit 4, JSON, iBatis, JDBC, Git, Jetty, Sonar, Oracle PL/SQL, Eclipse, Windows and Agile Methodology

PORTFOLIO

GitHub: <https://github.com/alanquintero>

- I strongly recommend visiting my website(<http://alanquintero.com.mx/>) to know more about my personal projects, my experience, awards, certifications and more.

Technologies involved: Java 8, J2EE, Android, Spring Boot, Spring MVC 4, Spring Security, Spring JPA, JDBC, Maven 3, RESTful, JUnit 4, Mockito, Power Mock, JSON, Hibernate, MySQL, Jetty, JSP, JavaScript, jQuery, HTML5, CSS3, Bootstrap, Git, Heroku, AWS

EDUCATION

August 2010 to December 2014

University: Universidad Autonoma de Aguascalientes
Aguascalientes, Mexico

Bachelor's Degree: Computer Systems Engineering

PROFESSIONAL CERTIFICATE

Android Certified Professional – June 03, 2016

Java SE 6 Programmer – June 04, 2015