**Alejandro Pacheco**

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**Summary**

* Over 6 years of IT experience in analysis, design, development, implementing and testing of web using Java 8 and J2EE, Springs Framework, Struts Framework, Hibernate, Web Services (SOAP, Restful), JavaScript, HTML, CSS, AngularJS, JAX-RS, XML and JSON.
* Experience in working with open source frameworks like Spring, Struts and ORM frameworks like Hibernate and Spring JPA.
* SDLC: Software development experience in object oriented programming, design and development of Multi-Tier distributed, Enterprise applications.
* Experienced with hands on development in various Spring components like Spring MVC, AOP, Spring JDBC, Spring JPA, and Spring Boot.
* Very strong knowledge of JAVA 8.
* Developed Unix shell scripts to manage time based events.
* Strong in version control system like GIT Lab and SVN.
* Configuring SVN and Github automating build using Jenkins.
* Administration/Maintenance experiences of continuous integration build engines, Jenkins.
* Created a high availability and scalable AWS stacks using EC2 auto scaling functionality. Used Stack Driver and AWS cloud monitoring extensively to monitor and debug the cloud-based AWS EC2 services. Created tagging standards for proper identification and ownership of EC2 instances and other AWS resources.
* Installing the Mysql Database.
* Upgrading the Mysql software
* Expertise in IDEs for software development like NetBeans, Eclipse, Eclipse STS, RAD, and JDeveloper.
* Used Kotlin scripting language for backend mobile app developement
* Experience in working with various Application Servers like IBM Web Sphere, Web Logic, JBoss and Apache Tomcat Servers.
* Specialized in Shell Scripting on Unix platform
* Expert in frontend technologies such as HTML, HTML5, CSS, JavaScript, JQuery, Angular JS, JAX-RS, JSTL and JSON.
* Experience in web services technologies like REST, SOAP.
* Expertise in various version control tools such as Git, Github.

**Technical Skills**

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| **Languages:** | Java, JAVA 8, JavaScript, SQL, Unix Shell Scripting, |
| **Java Technologies:** | J2EE, JSP, Servlets, Web Services (SOAP/REST)., Scala, Kotlin |
| **Frameworks:** | Spring, MVC, Hibernate, Angular JS, Express/Socket.io |
| **XML Technologies:** | XML, XSL, XSLT, DTD, XML Schema, SAX, DOM. |
| **Web Technologies:** | JavaScript, Bootstrap, jQuery, HTML/HTML5, CSS/CSS3, JSON, JAX-RS. |
| **Databases:** | SQL (MySQL, SQLite, SQL Server), NoSQL (MongoDB). Mongoose.js |
| **Methodologies:** | SDLC, OOAD, Agile. |
| **Web/App. Server:** | Apache Tomcat, WebSphere, Node.js |
| **Tools and IDEs:** | Net Beans, Eclipse. |
| **Operating Systems:** | Windows, Unix, Linux. |
| **Version Control:** | CVS, SVN, GIT, Clear Case. |
| **Other Tools:** | Maven, JUnit |

**Professional Experience**

#### Intuit, Mountain View, CA JUNE 2016- PRESENT

##### FULL STACK JAVA DEVELOPER

**Project Description**: Intuit provides payroll/HR products for small, medium and large size companies.  The payroll solutions provide all the functionalities necessary for calculating pay advices and producing payroll, accounting and HR reports.  Employees are able to login and check their leave accruals or change their addresses. The applications are able to produce various kinds of reports such as leave, 401(k) and EFT payment. They can also email pay advices to employees directly. The Calculators and Tools provide employees with the ability to calculate pay or 401(k).

**Responsibilities**

* Involved in analysis and design phases of software development life cycle (SDLC)
* Responsible for the analysis, documenting the requirements and architecting the application based on J2EE Standards.
* Extensively used Java 8 concepts like collection frame work, multi-threading, OOPS and Exception Handling.
* Experienced with hands on development in various Spring components like Spring MVC, AOP, Spring JDBC, Spring JPA, and Spring Boot.
* Implemented Scala scripts, UDF's using both Data frames/SQL
* Designed dynamic and browser compatible pages using HTML5, DHTML, CSS3, BOOTSTRAP and JavaScript.
* Deployed Graylog in AWS using cloudformation templates.
* Created Kafka and Zookeeper clusters in in different AWS regions and zones for high availability.
* Good experienced on Design and implemented configuration management (SCM) methodologies using GIT Lab, MAVEN and Jenkins.
* Deploying, configuring, managing, maintaining, a Master and Slave machines using Jenkins.
* Executed Spark code using Scala for Spark Streaming/Spark SQL for faster processing of data
* Used Hibernate, object relational-mapping (ORM) solution, technique of mapping data representation from MVC model to Oracle Relational data model with SQL-based scheme.
* Used Kotlin Scripts to write functional test cases
* Developed shell scripts to manage events.
* Developed the jQuery callback functions to implement asynchronous communication using JAX-RS.
* Automated nightly build, test, and reporting mechanisms using Jenkins.
* Build and deployed WAR/JAR application in Weblogic from Jenkins by invoking required scripts.
* Used groovy and Spring boot to collecting the data from
* Scrum methodology was used during the product life cycle.
* Created AWS auto-recovery for retaining of EBS and Network interface that are attached to Kafka instance.
* Created detailed design documents, use case diagrams and class diagrams.
* Built the backend Rest API using Spring MVC

**Environment:**Java 8, JAVA/J2EE, Spring, Hibernate, HTML5, CSS3, SAAS, Data visualization JavaScript, JQuery, JAX-RS,XHTML, MVC, Scala, Kotlin, angular.js, Unix Shell Scripting, AWS, Angular, Ansible, backbone.js, Require.js, Node.js, XML, JSON, DOM, SQL, Oracle

#### INTERNAL HOSPITAL MANAGEMENT SYSTEM JAN 2014 – MAY 2016

**NEW YORK CITY, NY**

FULL STACK JAVA DEVELOPER

New York-PresbyterianHospital is a major health care facility serving New York City’s suburbs. **IHMS** application provides the medical staffs with a centralized system to store and retrieve patient details, treatment, medication and progress. The patient data is persisted to a database using Hibernate ORM Framework.

**Responsibilities**

* Involved in writing application level code to interact with APIs, Web Services using JAX-RS and Angular resources.
* Developed code for Responsive web design in JavaScript using frameworks like Angular.js, React.js.
* Developed Unix Shell scripts by using Scala shell commands as per the requirement
* Developed HTML views with HTML5, CSS3, Bootstrap and Angular JS 1.0.
* Developed new requirements with Spring, Struts and Hibernate.
* Configuring SVN and Github automating build using Jenkins.
* Used jQuery for basic animation and end user screen customization purposes.
* AWS Cloud management and Ansible automation.
* Integration of Maven/Nexus, Jenkins, GIT, Confluence and JIRA.
* Writing the Scala code as per business requirement
* Administration/Maintenance experiences of continuous integration build engines, Jenkins.
* Migrated the code to Scala without changing the functionality.
* Developed creative intuitive user interfaces that address business and end-user needs, while considering the technical, physical and temporal constraints of the users.
* Involved in the development of presentation layer and GUI framework using Angular JS and HTML.
* Worked in Shell Scripting on Unix platform
* Built different modules, controllers, templates, custom filters and directives in Angular JS.
* Deploying, configuring, managing, maintaining, a Master and Slave machines using Jenkins.
* Designed dynamic and browser compatible pages using HTML5, CSS3, jQuery and JavaScript.
* Used groovy and Spring boot to collecting the data from users and packaged the data as JSON distributed to applications.
* Using Jenkins AWS Code Deploy plugin to deploy to AWS
* Used the functionalities to write code in HTML5/HTML, CSS3/CSS, Angular.js, JavaScript, jQuery, Jax-RS, JSON, and Bootstrap with MySQL database as the backend.

**Environment:** Agile, Java/J2EE, AWS, Angular, Spring, Hibernate, XML, WSDL, REST, SOAP, SOAP UI, HTML, JavaScript, CSS, Unix Shell Scripting, Scala,Angular JS, Bootstrap UI, SQL, PL/SQL, Junit, ANT, Log 4j, GitHub, JMS, Servlets, Eclipse, Windows.

**BANK OF AMERICA, VIENNA, VA MAY 2012 – JAN 2014**

JAVA DEVELOPER

The ‘Reconcile’ application is accounting software used to reconcile and balance financial transactions across different accounting systems.  Transactions are uploaded or entered into Reconcile and the system is provided with a set of rules. The system is then able to perform reconciliation on the different accounts and provide necessary reports.  Reconcile also could be used to search for and manually reconcile any suspense accounts. The system also provides the necessary interfaces to transfer money between different accounts.

**Responsibilities**:

* Helped the client project management team to identify the suitable technology and tools required for the projects.
* Implemented J2EE Design Patterns like MVC, Service Locator, Session Facade and the persistence layer using Hibernate-ORM.
* Developed Web Services to consume those Web Services as well other enterprise wide Web Services.
* REST webservices leveraged by both web and mobile application
* Developed the UI Screens using JSP, Struts, HTML, CSS, JavaScript and did the client side validation with the JavaScript.
* Designed User Interface using Java Server Faces (JSF), HTML, CSS3, jQuery and AngularJS and XML in a responsive grid layout.
* Used Spring Framework for developing the application and used JDBC to map to Oracle database.
* Writing code in SCALA for transforming the data according to the business rules
* Writing Spark- SQL queries and Scala test cases
* Used Connection Pooling to get JDBC connection and access database procedures.
* Extensive use of Collection Framework features like Map, Object, List to retrieve the data from Webservice, manipulate the data to incorporate Business Logic and save the data to Oracle database.
* Automated nightly build, test, and reporting mechanisms using Jenkins.
* Used Multithreading to simultaneously process tables as and when a specific user data is completed in one table.
* Wrote various SQL, PL/SQL queries and stored procedures for data retrieval.
* Junit, log4j were used for unit testing and as logging frameworks.
* Involved in high level meetings for crucial decisions and handled tickets to resolve issues.
* Involved in putting proper review processes and documentation for functionality development.
* Involved in code reviews, test case reviews and bug fixing using Jira tracking systems.
* Providing support and guidance for Production and Implementation Issues.

**Environment:** J2EE, JBuilder, Scala, Oracle, HTML, DHTML, XSL, XSLT, Rest, Servlets, Angular JS, JavaScript, JAX-RS, JBOSS, RAD, JUnit, log4J.