Salvador Lavariega – Java Sr Developer

+52 (951)228 46 81 or salvador.lav@gmail.com

   +52 1 (951)228 46 81

Summary:

- 10+ years of experience in Software development, implementing Java EE 1.6, Java 1.8 and Java 11 for standalone and web applications helped by open source libraries and frameworks.
- Experience working with Spring Framework.
- Experience working in Agile Environment.
- Swagger 2.0, OpenAPI, API First, Contract First,Postman
- Experience and knowledge implementing some design patterns for solving structural and behavioral problems designing software.
- Strong knowledge developing and consuming Restful Services.
- Experience and good practices versioning code with Git.
- Experience writing SQL and stored procedures for database applications like Oracle and MySQL.
- Good debugging, testing and refactoring skills.
- Self-motivated, self-taught, quick learner, team member, fast paced person.
- Update and improve existing codebases as needed due to new requirements, framework updates, or dependency upgrades.
- CI-CD
- Covering +90% Sonarqube code, find and solving code bugs

Education:

- Bachelor degree in Engineering Systems Computer - Instituto de Estudios Superiores de Oaxaca

Languages:

- English - Level Advanced
- Spanish - Native

Technical Skills:

- Languages: Java, ES5/ ES6, SQL.
- Databases: Oracle, MySQL.
- Web Server: Tomcat, Weblogic.
- JEE technologies: JSP, JSTL, JSON, JDBC, WS Restful.
- Web technologies: JavaScript, SOA, Web Services, AJAX, JQuery, React, Web Components CSS3, XML, HTML, GraphQL.
- IDE: Eclipse, Net Beans, IntelliJ Idea, Android Studio, Visual Studio Code.
- Frameworks: Spring Framework.
- Builds Systems: NPM, Maven, Gradle
- Version Control: SVN, GIT
- Platforms: Windows, Linux (Ubuntu), MacOS.
- Containers: Docker Kubernates
- Cloud: Openshift, Pivotal Cloud Foundry, Heroku, AWS

Professional Experience:

Software Engineer | Java Sr eveloper   **Mar2021 – Current**
Tata Consultancy Services
- Read and write swagger specifications.
- Development of microservices with SpringBoot and Java 1.8
- Unit testing covering more that 90% lines of code of SonarQube metrics
- Promote Microservices to different stages like DEV and QA and PROD in Jira and Service Now
- Excellent practices to versioning code on Git (branches, pull request, merges, fix conflicts)
- Work withJenkins for CI/CD
- Creation of Jira Tasks and Sub-tasks to promote Microservices
- Service Now tickets creation to promote Microservices
- Mentor teammates through code reviews, providing mentorship, pairing, and training opportunities.
- Work on Scrum framework
- Creation of images using Docker.

Environment: Java 1.8, Mokito, Junit, SonarQube, Open API 2.0 & 3.0, YAML, Jira, Confluence, Bitbucket, Docker, AES & RSA Encryption

Software Engineer | Java Developer   **Oct2020 – Feb2021**
Grupo Salinas
- Design APIs for Banco Azteca
- Design Specs Open API 2.0
- Web Services Development

Environment: Java 1.8, Apigee, JBOSS, Open API 2.0 & 3.0, YAML, Jira, Gitlab, Bitbucket

Software Engineer (Independent Professional)   **Apr2020 – Jul2020**
Januxmedia - Autoclerk
Project Description: MyHMS is a Property Management System that includes all the essential PMS functionality (reservations, check-in, night audit, checkout, historical folios, housekeeping, accounts receivables, and reports) plus many advanced features.
Responsibilities:
- Bug fixing and development for new features
- Testing and bug fixing of Open Travel Alliance (OTA) messages
- Customer support to Best Western Hotel Resort product owners
- Design and Development for optimized queries to MySql Database
- Maintenance for new and existing views using JSP, Struts, JavaScript and jQuery.

Environment: Apache tomcat 8, Java 1.8, JSP, Maven3, Struts, Javascript, Jquery, Git, Jira, Eclipse, Intellij Idea, MySql 5.6, Java Mule, SSH

Software Engineer   **Dec2018 to Dec2019**
Dresden Partners
Project Description: CSC (Customer Service Console) at Nokia, CSC is a web console based on Business Process Management for Telecommunications Companies, providers of mobile and fixed telephone services.
Responsibilities:
Back-End:
- Reading technical documentation and developing Shared Functions in Rhino JavaScript.
- Development business logic to response and return only the necessary data that the business requires from the result of calling Restful services.
- Models development in a drag and drop IDE for calling Shared functions and recover information.
- Overlays development in a drag and drop IDE for call models and transform information to business rules called Services Operations.
- Design and development of workflows calling Services Operations applying business rules to take decisions.
- Development of telephone services troubleshooting joining different workflows.

Front End:
- Develop and maintain for new and existing views using HTML, JavaScript and jQuery.
- Restructuring html components for a better user experience implementing JavaScript functions for managing HTML Dom.

Environment: Rhino JavaScript, Nokia tools suite (Workflows, Model & Overlay Builder), Postman, Git, Jenkins

Full Stack Software Engineer   **Oct2017 to Nov2018**
Axity
Project Description: NIT or "Nube de Información Transaccional" is an extended application of Bancomer Net Cash from BBVA México.
Some big companies and Government Institutions who have agreements with BBVA want to extract information about the realized payments of the current week, month, year or old periods with their accounts.
And NIT made possible this, extracting the necessary information about payments, and can be downloaded orderly, with custom calculated operations, with Header, sub-header, body or bodies, sub-footers and Footers in CSV, TXT, PDF and EXCEL files.
Responsibilities:
- Responsible for the maintenance and development for new front-end requirements using Spring MVC.
- Required documentation for request new Web Services to middleware area.
- Required documentation for request new developments to the Back-End area
- Troubleshooting and bug fixing.
- Helper QA area when it was required.
- Coaching new hires for how to develop, how to run it, and how to debug the Front-End architecture.

- Promote new functionalities to production.

Environment: Spring Framework 4.0, Java EE 1.7, JSP, JSTL, Apache Tiles, JavaScript ES5, jQuery

Project Description: DJFast is a JAR maven application than works as an API to export structured reports with help of Dynamic Jasper Reports implemented in the NIT or "Nube de Información Transaccional" project, DJFast exports CSV, TXT, PDF and EXCEL files with valuable data.

Responsibilities:
- Reengineering the DJFast architecture for export Financial Reports.
- Implement the Builder pattern for building cells and rows according to their features.
- Implementing the Factory pattern for creating CSV, TXT, PDF, EXCEL and other future kinds of files.
- Reengineering from scratch the JSON file with metadata for building the reports.

Environment: Maven 4.0, Java EE 1.8, Jackson, Dynamic Jasper, Apache POI

Project Description: Back End APX (BBVA Back End Architecture) Transactions and Jobs are bundles built with Maven 4.0 and deployed in an OSGI Architecture.

Responsibilities:
- Development batch applications process called Jobs for normally reading files, treating the obtained information and finally writing the obtained or processed information into MongoDB and Oracle databases.
- Development of maven bundles applications or called online transactions too, for Create, Read, Update and Delete data from MongoDB or Oracle.

Environment: Maven 4.0, Java EE 1.8, Spring Batch

Full Stack Software Engineer   **Oct2016 to Oct2017**

Emprendamos Fin

Project Description: Financial Core System

Responsibilities:
- Analysis requirements with business areas in meetings, interviews and presentations to understand the business rules, constraints and violations.
- Creation of user stories from the analysis requirements and approval with the business area to start the development
- Meetings with the team for understand the requirement and the user stories
- Separate the requirements in different tasks or functionalities to create Views, Web Services in ASP.Net, Stored procedures and Tables in Oracle 11g
- Development of Stored procedures and test the business rules
- Layout of views in Adobe ActionScript considering the final user approval
- Unifying all the development involved in the solution
- Testing of the solution according the user stories
- Troubleshooting and bugs and code refactorization
- Functional test in Development environment
- Functional test in QA environment and approval or troubleshooting
- Deployment to production with the user approval

Data Base:
- Analysis and Development for new Stored Procedures
- Analysis and Creation for new Tables or alter existing tables
- Checking for possible issues when requires Tables alteration
- Development stored procedures for recover data of financial reports

Back-End:
- Development of SOAP web services in ASP.Net for all the business requirements
- Design and Development a Spring Boot application with Oauth2 and JPA for exposing Rest services to an Android app.

Front End:
- Design and Development of views for Financial Core System using Adobe ActionScript
- Design and Development of reports using Crystal Reports

Android:
- Design and Development for an android application for Lanix tablets, the key functionality of this application was to calculate the payment capacity from customers and prospects to get a credit product with "Emprendamos Fin".
- The Android app is capable of getting the business rules from the server to determine when a prospect/customer has capability to pay the credit or not, only capturing expenses and incomes and applying the business rules.

Environment: ASP.Net, Windows Server 2008, Adobe ActionScript, Java 1.8, Spring Boot, Android SDK 5.1, Android Studio, Intellij Idea, Oracle 11g

Java Software Engineer   **Oct2015 to May2016**
Universidad Autónoma de Coahuila
Project Description: Systems Migration from Java 1.5 and Java 1.7 and from OAS to Weblogic 12c for SHCP ("Secretaría de Hacienda y Crédito Público" - Government)
Responsibilities:
- Read documentation from existent projects.
- Analysis of existing code.
- Cloning projects from SVN and runs it on Eclipse.
- Change Java version from 1.5 to Java 1.7 and upgrade java third party libraries if needed.
- Remove third party libraries from maven projects and add it all as dependencies.
- Rebuild WAR and EJBS applications upgraded with Java 1.7.
- Assemble EAR projects with WAR and EJB's Applications.
- Deploy the EAR's applications on Weblogic 12c.
- Saving all the sources from tested web applications to SVN

Environment: Java EE 1.5, Java EE 1.7, Weblogic 12c, SVN

Software Engineer   **Jul2014 to Jun2015**
Globant
Project Description: Test Automation
Responsibilities:

- Development of automated test for web applications

Project Description: Proof of Concept with Google Chrome API
Responsibilities:
- Investigation of Google Chrome API for create extensions
- Development of an extension ads replacement using the Google Chrome API and Adblock Plus API
- Develop JavaScript functions for parse each request of any Tab of whatever site for check it with the Black List of Adblock Plus and replace ads by others not profit organization ads.
- As member of a Scrum team, attend daily meetings, take user stories and solve them

Project Description: Android 5.1 Course
Responsibilities:
- Complete assistance at course and development of a final project

Environment: Selenium, JavaScript ES5, Java 1.8, Android SDK, Gradle, Android Studio, Github, Windows, Mac OS, Scrum Framework

Java Software Engineer   **Aug2013 to Jul2014**
E-Global
Project Description: Development of Java library than can be implemented by any commerce, business or store in business relationship with BBVA for read Mastercard and Visa cards to commit transactions
Responsibilities:
- Analyst of Europay Mastercard and Visa standards for reading debit and credit cards.
- Reengineering of a java application implementing Object Oriented standards.
- Implementation of Facade Pattern for hide complexities and provide an easy implementation
- Hiding complex business rules and confidential standards from BBVA, Mastercard & Visa for data encryption following the Java Object Oriented Philosophy
- Develop communication between a Point of Sale and PIN pads electronic devices.
- Analyst of ISO 8583 (Financial transaction card originated messages - Interchange message) standards of American Express.
- Implementation of Regular Expressions for parse the data stream in the cards
- Obfuscation of code.
- Manual user documentation

Environment: Maven 3.0, Java SE 1.6, SVN, Eclipse

Full Stack Software Engineer   **May2012 to Jul2013**
Efisys
Project Description: Safi is a Banking Core that has many modules and tools that can be adapted for small Financial Intermediaries and they can compete and give good services to his customers.
Responsibilities:
- Analysis and end to end Software development of new modules for Safi Core

- End to end Software Maintenance in modules of Safi Core
- Help new hires to understand the Software Architecture and how develop new modules

Data Base:
- Analysis and Development for new database tables.
- Development of database queries.
- Development of business rules into stored procedures.
- Stores procedures development for financial reports.
- Stored procedures for data mining.
- Documentation.

Back-End:
- Implement Spring MVC architecture pattern for new modules.
- Use of Java core 1.6 for developing business rules and process data.
- Develop of Spring DAO layer to connect with the MySQL Database and Stored Procedures.

Front End:
- Web forms layouts with HTML and JSP.
- JSTL and JSP implementation for data visualization.
- JavaScript and jQuery functions development for dynamic views.
- jQuery functions development for input data validations.
- DWR implementations for retrieving data from Java Services.
- Development of JavaScript functions to validate, autocomplete, filtering and filling selectors through DWR and Java Services.
- DOM parse and handle using JavaScript to create, update and delete html nodes, events and listeners according UX.
- Grids and Dynamic HTML tables development with jQuery.
- Design and Creation of Reports and Financial Statements with Pentaho Report Designer.

Environment: Ubuntu Server, Apache Tomcat 6, Java EE 1.6, Spring Framework MVC, JSP, HTML, jQuery, ES5, MySQL Server 2008, Sybase IQ, Pentaho Report Designer, Eclipse, Workbench, Ubuntu