**Jaime Reyes**

**Senior Java Backend Developer**

**Professional Summary:**

* **12 years** of overall IT Experience working mainly as Java and PHP backend developer.
* Solid **9+ years** of experience in **Java 8**, Spring framework, **Spring boot, JPA, Hibernate**, Maven, **SQL** Oracle, JDBC, **REST Web Services**, XML, JSON working for different industries such as Banking, Pharmaceutical and Government
* **Oracle Certified Professional,** Java SE 8 Programmer.
* **Oracle Certified Associate,** Java SE 8 Programmer.
* **AWS Certified Cloud Practitioner**
* Solid 5+ years of experience in **Kafka** and **NoSQL database (MongoDB, Cassandra)**
* Solid 5+ years of experience in PHP, MySQL, Javascript, HTML, CSS, jQuery, Bootstrap
* Strong knowledge in the Software Development Life Cycle.
* Experience in deploying and maintaining services running **AWS**
* Experience on creating and maintenance of Micro services using Spring Boot and integrating it with other web services (consuming XML or JSON formats) using OAuth security
* Experience working with event driven applications using Kafka
* Experience working with **multi-tenant** web services
* Experience working with high concurrency services using **thread-safety** code and **database transactions**
* Experience on CI/CD deployment tools like **Jenkins**.
* Experience on developing **scalable applications**, running on multiple instances with load balance tools
* Knowledge in deploying applications to **Pivotal Cloud Foundry**
* Participated in the full **Software Development Life Cycle**: planning, analysis, design, coding, testing, network rules configuration, versioning, creating secured resources, creating OAuth credentials, configuring Authorization rules, configuring database connections, configuring Kafka consumers and producers, configuring HTTP clients, configuring cache systems, deploying through different environments (dev, qa, uat, prod, launch and dr), generating releases, maintenance and monitoring.
* Performed **Code Review** and Code Merge, to ensure code quality and good code design
* Manage database: **Oracle SQL** (11g, 12c), **MySQL** (4, 5), **PostgresSQL** (8 , 9), **MongoDB** (3, 4) and **Cassandra** (4)
* Knowledge on core java with understanding of Exception handling and Garbage Collector.
* Expert in troubleshooting prod issues.
* Excellent technical, analytical, problem-solving skills, strict attention to details and ability to work with a team environment
* Strong understanding of the full integration of web services with other applications
* Coding of business requirements with high quality in code including **Junit tests** to cover actual requirements and not only lines of code.
* Performed request and response tests using SoapUI, PostMan and Web browser to test code changes.
* Performed End to End Tests to ensure that the API integration with other web services is working as expected. Test corner case scenarios and document any gaps or findings prior to any release.
* Expertise in testing using Junit tests, automation testing with Karate and Cucumber, performance testing with JMeter, mutation testing with Pitests, contract testing with Pact and component testing.
* Created Validations Jobs in Jenkins to validate release in all environments, including prod.
* Experience working with Agile methodology, applying incremental changes within Sprints, definition of user stories, and periodically scheduled ceremonies throughout the Sprint.
* Experience as an Internal Team Lead managing up to 6 team members to guide and supervise them in the project assignments
* Created database queries in SQL and MongoDB for generating reports and verifying data consistency
* Setup GIT repositories using GitFlow branching model
* Production readiness and deploy releases
* Participated in defining a Training Path Program for Java developers, including presentations, evaluations and assignment of exercises.

**Technical Skills:**

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| --- | --- |
| **Programming Languages** | Java, Java EE (Servlets and JSP), PHP, C, Python, Visual Basic, Pascal. |
| **Backend Frameworks** | Spring Framework, Spring boot, Spring MVC, Hibernate, JAX-RS. |
| **Frontend**  | HTML5, CSS3, Javascript, JQuery, Bootstrap |
| **Databases** | Oracle SQL, PostgreSQL, MySQL, Firebird, MongoDB, Cassandra |
| **Web servers** | Pivotal Cloud Foundry, Apache Tomcat, Jetty, IIS |
| **Operating Systems** | Windows, Linux, MacOS |
| **Development Tools** | Eclipse, IntelliJ, Maven, Git, Bitbucket, Jenkins, Jules, Swagger, Avro Schema, Kerberos, MQ, log4j, JUnit, JMeter, Pitest, Pact (Contract Testing), Karate, Cucumber, SoapUI, Postman, SonarQube, Checkmarx, Kibana, Splunk, XML, JSON, YML |
| **Methodology** | Agile SCRUM |

**Education:**

* Bachelor’s Degree in Informatics (Licenciatura en Informatica), 2007, Universidad de Colima

**Certifications:**

* Oracle Certified Professional, Java SE 8 Programmer

 https://www.youracclaim.com/badges/6dad1deb-3019-464f-be6a-73cba8085fda/

* Oracle Certified Associate, Java SE 8 Programmer

 https://www.youracclaim.com/badges/7b23583d-56fb-4a06-8cfb-6df7e6e973ae/

**Photon/JPMorgan Chase, Delaware, USA Sep 2021 to Current**

**Sr Java Backend Developer**

**Domain:**  Banking, Digital Account Opening for Consumer and Business Cards

**Project title:** -- Intelligent-Routable -- Card-Submit -- Bizcard-submit -- Card-Retry -- Consumer-Credit-Service -- Business-Credit-Service -- IC-Resubmission -- Pre-Approved-Consumer -- Pre-Approved-Business -- Card-Member-Agreement -- Card-Postback -- Auto-Audit-Inspection -- Credit-Journey -- ApiGateway

**Description:** Global Apps is a growth stage [Business & IT] Consulting, Technology, and Managed Services provider, they serve Fortune 100 clients offering best in class expertise in Enterprise Cloud Enablement and Artificial Intelligence.

JPMorgan Chase & Co. is one of the world's oldest, largest and best-known financial institutions. The firm is built on the foundation of more than 1,200 predecessor institutions that have come together through the years to form today's company (many well-known heritage firms include J.P. Morgan & Co., The Chase Manhattan Bank, and others).

Digital Account Opening domain, includes the entire flow of individual consumers and business applicants who request a Credit Card from the bank, the request is transmitted in more than 20 services tthat process, validates, audits and return back the card decision to customers.

**Roles and Responsibilities:**

* + Develop new features on existing web services using **Java, Spring Boot, Maven, Jules, PCF, Hibernate, Oracle SQL, Cassandra, Avro schema, Swagger** and other related technologies.
	+ Creation of new event-driven service for Auditing Regulatory information of consumer and business card applicants, using spring boot and **Kafka** for incoming and outgoing events and calling an external CSU service to perform the inspection
	+ Creation of new web service for pre-qualified offers using spring boot and rest to determine if a customer has a pre-qualified offer based in two calls to downstream services.
	+ Troubleshoot prod and lower environment issues in the entire Digital Account Opening flow
	+ Fix and old prod issue that was reported more than one year ago, the problem and solution was not clear, but I find out that there was an issue with MQ calls whenever the MQ servers were restarted every month due to maintenance.
	+ Fix a prod issue where the request of a customer was getting stuck due to some validations but with no clear clue of what was the problem. I traced down the flow to find that there was a **Java class** that was not **thread-safety**, it was fetching data from database and sometimes it was mixing data among multiple threads.
	+ **API improvements**: java upgrades, framework upgrades, database upgrades, security upgrades, fix vulnerabilities scans, merge **Jenkins pipelines** that was previously split due to technical challenges, externalize properties to Config Server as part of continuous delivery requirements
	+ Enhance automated testing with Junit, automated tests with Cucumber, mutation tests with Pitest, contract tests with Pact and component tests Functional Test framework to improve the quality and stability of code.
	+ Migrate multiple web services from old cloud servers to new cloud servers
	+ Migrate email alerts notification to new platform, which involved changing the transfer method from http to Kafka, adding new business logic and adding encryption.
	+ Deploy new features to existing services running on **AWS Beanstalk and EC2**.
	+ **Setup AWS to run a new micro service: create environments in Beanstalk, create IAM service roles, create EC2 key pairs, setup NACL, setup Auto Scaling Groups, setup Jenkins file, credentials and pipeline for blue-green deployment**.
	+ Lead several successful prod releases including prod readiness
	+ Add double encryption for post back http calls to secure personal and card information
	+ Enhance retry logic to an existing service to allow generating reports for audit purposes and to allow retriggering retry flow in case of needed
	+ Update Database model using Erwin data modeler as part of best practices and create a Liquibase script for automated database deployment
	+ Support and prepare services for Resiliency testing in lower environment and prod
	+ Enhance existing services to persist and send additional information to downstream for new features required in downstream (email alert migration and audit inspections)
	+ End to end testing and validation of all the new functionalities developed as part of my tasks
	+ Perform Code Reviews and Merges of Pull Requests into the main develop branch.
	+ Update avro schemas for Kafka events
	+ Apply interviews for new Java programmer candidates
	+ Do research for new features and requirements and create the respective documentations
	+ Set up **Jules/Jenkins pipeline** for deploying the application to different environments like DEV, UAT, PERF, PROD and LAUNCH. Set up of Jenkins validations jobs to check deploys and health checks of applications.
	+ Submit requests for new rest credentials, Sophia App2App credential, cloud credentials
	+ Onboarding of Kafka topics, producers authIds and consumers groupId.
	+ **Setup Kafka connections**, Setup database connections, Setup Http clients
	+ Participate in software design discussions with the team.
	+ Create new database queries to generate reports and validations
	+ Troubleshot and fix authentication issue in a soap call for an existing micro service
	+ Adding new endpoints to existing web services
	+ Creating Runbook page for new micro service create by our team

**Environment:** Java, JUnit, REST Web service, JIRA, Spring Boot, Kafka, Oracle SQL, Cassandra, Jenkins, Jules, XML, JSON, IntelliJ, Postman, GIT, Bitbucket, Maven, OAuth 2.0, Pivotal Cloud Foundry, Hibernate, Swagger, Sonar, Splunk, Grafana, Erwin data modeler, Cucumber, Karate, Pact, Pitest

**Agile Thought (Express Scripts Pharmacy). Colima, Mexico Jun 2018 to Aug 2021**

**Sr Java Backend Developer**

**Domain:**  Pharmaceutical and Health Care

**Project title:** -- Creation of new web services and event driven applications: Fulfillment api, PharmacyClients api, PharmacyClientOperations api and PharmacyClaims api. -- Creation of event driven applications: DispenseRequestProcessor, and DispenseResponseProcessor --- Replacing Legacy Systems: SpecialtyProcessor and SpecialtyUpdateProcessor -- Maintenance of existing application: 340bDrugPricing

**Description:** AgileThought is a full-service digital transformation and custom software partner that the Fortune 1000 trust for design, development, support and guidance to accelerate innovation and ensure exceptional outcomes throughout the product lifecycle. It provides service to a Pharmacy Benefit Management (PBM) company in the United States of America that processes pharmaceutical orders for members through a network of retail pharmacies to dispense medications directly to members by home delivery. It creates and maintains web services to automate all the pharmacy processing services.

**Roles and Responsibilities:**

* + Work on creating and maintaining web services with multi tenancy architecture, high availability and fault tolerance design using **Java, Spring Boot, Maven, Jenkins, PCF, Hibernate, Oracle SQL, MongoDB** and other technologies.
	+ Code requirements, add **Unit Tests** and validate the **API request** and response using **Soap UI / PostMan**.
	+ Work on creating event driven applications using **Kafka, Java, Spring Boot, Jenkins, MongoDB**, etc.
	+ Work on replacing legacy systems originally created in **C++** by replacing them with **Java web services**.
	+ Perform Code Reviews and Merges of Pull Requests into the main develop branch.
	+ I have been the Internal Team Lead almost since I joined the company, to guide and orientate the team members of my company and to review the quality of the tasks assigned to them. When the actual team lead is on vacations, I am his backup and I get in charge of the team.
	+ End to End testing, validating the integrations of all the application involved in API flows, identifying gaps and generating reports.
	+ Created scheduled job applications for sending reports periodically through emails
	+ Set up **Jenkins pipeline** for deploying the application to different environments like DEV, QA, UAT, PROD and DR. Set up of Jenkins validations jobs to check deploys and health checks of applications.
	+ Request **OAuth Credentials**, Request Kafka Topics, Request MongoDB database, Request network configuration rules
	+ Setup security components, **Setup Kafka connections**, Setup database connections, Setup Http clients
	+ Setup GIT repositories using GitFlow branching model
	+ Created documentation for new and existing business components.
	+ Participate in software design discussions with the team.
	+ Give support for applications to debug any problem identified using **Kibana, Splunk** and other tools.
	+ Set up alarms on monitoring systems (**Splunk, NewRelic, SiteScope**)
	+ Preparation of all the releases
	+ Create new database queries to generate reports
	+ Database validation using SQL or MongoDB queries to validate data consistency.
	+ Setup and validation of Disaster Recovery environment without impacting Prod data.
	+ Participate as a responsible of a Training Program for Java Developers intended for existing and new developers.

**Environment:** Java, JUnit, REST Web service, JIRA, Spring Boot, Kafka, Attunity, Oracle SQL, MongoDB, Jenkins, XML, JSON, Eclipse, SoapUI, Postman, GIT, Maven, OAuth 2.0, Pivotal Cloud Foundry, Hibernate, OAuth 2.0, Swagger, Sonar, Kibana, Splunk, Grafana, SiteScope, eMash, New Relic, Caffeine cache.

**SysTECH Colima, Mexico Jan 2014 to May 2018**

**Backend Java Developer**

**Domain:**  Pharmaceutical and Government

**Project title:** -- Creation of web services: Shipments api, Inventory Reservation api, MagazineSurvey api

-- Replacing legacy system for the SCT (Federal Government): Toll booth Control Center website (JEE)

-- Maintenance of existing applications: Memberships api and Payer api

**Description:** SysTECH Support is a full web design and custom software development agency. It works for both American and Mexican companies. It also participates in government tenders to create software for Government projects and investments.

**Roles and Responsibilities:**

* + Creating and Maintaining web services based on **Java** with **Spring Framework, Hibernate, MVC** **architecture**
	+ Maintaining web applications using **Java EE, Oracle SQL, JPA, Servlets, JSP, JAX-RS, and HTML**.
	+ Coding business requirements, adding unit tests and validating functionalities.
	+ Designing data base schemas and relationships.
	+ Creating documentation for End Users and Technical Users. Using UML to document flows.
	+ Participate in Code Reviews
	+ Participate in technology discussions with the team
	+ Created and executed SQL queries for analysis and reports
	+ Migration of old SOAP web services to REST web services
	+ Creating jobs in Jenkins to run validations
	+ Set up database connections
	+ API testing using SoapUI / Postman

**Environment:** Java, JEE, JAX-RS, Eclipse, Spring Boot, Git, MVC architecture, Oracle SQL, Maven, OAuth 1.0a, Hibernate, REST, Junit, Log4J, PCF, JSON, XML, JavaScript, JQuery, Bootstrap, HTML, CSS, JIRA, Soap UI, PostMan.

**Procuraduria Agraria (Federal Government). Colima, Mexico Nov 2008 to Dec 2013**

**Programmer Analyst**

**Domain:** Federal Government

**Project title:** -- Creating and maintaining existing website systems -- Migrating services to new technologies -- Evaluating goals system -- Monitoring indicators system -- Employee attendance control system -- System to Manage Legal Representation, Advice on Agrarian Law and Conciliation -- Historical file management system -- Accounting and Inventory system

**Description:**

The Procuraduria Agraria is in charge of providing legal representation to farmers in Agrarian Courts.

As a government requirement, they have to justify the expenses incurred while providing their services to the population through different internal systems that are hosted on headquarter offices.

**Roles and Responsibilities:**

* Update and enhance functionalities for existing web application systems using PHP, MySQL, PostgreSQL, Firebird and CodeIgniter
* Create new web application systems for new federal program requirements using PHP
* Code requirements, add unit tests and validate functionalities in different web browsers.
* Work as frontend using HTML, jQuery, bootstrap, CSS and other tools.
* Test and validate changes on the website systems
* Generate custom reports in SQL queries and sending reports in Excel files.
* Provide Technical Support to end users.
* Migrate backend services from PHP to Java

**Environment:** PHP, CodeIgniter, MySQL, PostgreSQL, PHPUnit, HTML, CSS, JS, JSON, AJAX, jQuery, bootstrap, Java, Spring, Oracle SQL