Noe Jimenez Penaloza

Professional Summary

- **Around 9 years of experience** IT experience in developing, designing, analyzing, testing, and deploying various web-based and client/server applications in multi-platform environments with Java Core and Angular; and involved in all phases of Software Development Life Cycle (SDLC).
- Good Experience using Object Oriented Programming (**9 years**) with Java and C#.
- Strong experience using **design patterns** and **algorithmic solutions** as well as design, development, testing, deployment, maintenance, and improvement of our software.
- String experience in **Java 8/11, Multithreading, J2EE technologies, Microservices Architecture, Spring modules** (Spring Boot, Spring Cloud, Spring Data, Spring Security, Spring Gateway, Spring Batch); Web Services (Rest And SOAP), MQ Message Brokers, JSP, Servlets (**7 years**).
- Experience with **C#** (**4 years**).
- Expertise in debugging software applications using built-in functionalities in **IntelliJ** and **Eclipse** (**8 years**).
- Knowledgeable in consuming **RESTful** APIs (**6 years**) to connect Angular applications to back-end services with HTTP protocol (POST, PUT, DELETE, etc.).
- Expertise in front-end technologies **like Angular 12, NodeJS, Typescript, jQuery, HTML, CSS. (9 years).**
- Expertise in JUnit and **Mockito** for **Java testing**; **Jasmine** and **Karma** for **Angular** testing.
- Strong experience developing **Stored Procedures, Functions, Triggers,** etc. using **PL/SQL** (**Oracle**) and **T-SQL** (**SQL Server**) (**5 years**)
- Hands-on Experience with **Git** source control (**7 years**).
- Experience in **Design and Code reviews** (**7 years**) to ensure compliance with standards.
- Experience working in an **Agile** environment using **SCRUM (7 years)**.
- Very comfortable using **Jira Software** (**7 years**) for project management.
- Strong **team player** and have good analytical, logical, and programming skills.
- Continuously discovered, evaluated, and implemented **new technologies** to maximize development efficiency.
- Have good experience in web application programming languages like **HTML**, **CSS**, **PHP**, **JavaScript,** and **Java (4 years)**.

Technical Skills

Programming Language	Java Core 8/11, C#, Visual Basic.
Web Technologies	Angular, HTML, CSS, JavaScript, Typescript, jQuery.
Database	Oracle, SQL Server, PostgreSQL, MySQL, and MongoDB.
Version Control	GIT, SVN, Bitbucket and Team Foundation.
Tools	IntelliJ IDEA, Eclipse, SQL Developer, SQL Management Studio, JIRA, Jenkins, Office Suite.
Frameworks and SDK	Spring Framework, Spring Boot, ASP.NET Framework and Angular.
Testing tools	Junit and Mockito; Karma and Jasmine; and TDD.
Methodologies	Agile, Waterfall and SCRUM.
Amazon AWS	EC2, S3, IAM, Lambdas.

Education

Universidad Autonoma del Estado de Mexico   Toluca, Mexico   2012 - 2017
Bachelors in computer Engineering

Client: NTT Data Services Mexico   **February 2024 – actual**
Role: Senior Full Stack Developer
Client: Coppel
Description: Coppel is a nationwide department store in Mexico based in Culiacán, Sinaloa and founded in 1941. It is noted for extending easy credit and for enabling payment of purchases via twice-monthly installments.

Responsibilities:

- Create new features or enhance existing ones for web applications using Java Core 11/17; Spring (including modules: Spring Boot, JPA, Data, Batch, Security, etc).
- Develop and maintain RESTful web services using Java and Spring.
- Handle databases, software architecture, and other complex aspects of programming.
- Maintain both the user interface (UI) and the backend of applications.
- Create and maintain web UIs using HTML, CSS, JavaScript, and Angular 12, 15, and 17.
- Develop and maintain database schemas using SQL and Oracle
- Work in an agile development environment, collaborating with cross-functional teams.
- Use metrics to showcase your achievements, such as reducing load times, improving application efficiency, minimizing bug rates, and enhancing user retention.

Environment: Java Core, Spring modules, databases (PostgreSQL and Oracle), Angular, GIT.

Client: Freddie Mac (VA, USA)   **May 2022 – October 2023**
Role: Java Full Stack Developer
Description: Freddie Mac operates in the U.S. secondary mortgage market, buying loans that meet our standards from approved lenders. Those lenders are then, in turn, able to provide more loans to qualified borrowers and keep capital flowing into the housing market. Freddie Mac then pools the mortgages it buys into securities, which they sell to investors around the world.

Responsibilities:
- Designed & Developed business logic in service class as per Business requirements with Java core 8/11 features like creating resource classes, Lambda expressions, Local Date objects and fetching entities from the database.
- Used Microservices architecture, with Spring Boot-predicated services interacting through an amalgamation of REST, Swagger, and MQ message brokers and leveraging AWS to build, test and deploy Identity Microservices.
- Developing web applications using Angular 12. Developed the UI Screens using HTML5, CSS3; and did the client-side validation with the Typescript.
- Experience working with NodeJS to develop single pages along with dynamic web applications.
- Used Postman to test the RESTful API for HTTP requests such as GET, POST, PUT and DELETE.
- Worked with Threads, Multithreading, Synchronization, and Collection API.
- Used OAuth 2.0 along with Spring security framework to securely expose our APIs by mandating the access token when a client wants to access our resources.
- Involved in the creation of an interface to manage the user menu and Bulk update of Attributes using Angular, and NodeJS.
- Used Spring Boot which is radically faster in building cloud Microservices and developing Spring-based applications with very less configuration.
- Used Redux framework architecture (like Reducers, Containers) for integrating the data with Angular Application.
- Developed RESTful Web Services with JAX-RS using Spring Boot and Microservices Architecture.
- Involved in the design of JSPs and Servlets for navigation among the modules.
- Created Microservices using and configure and write REST APIs using Spring Boot Annotations and Spring Rest services.

- Designed and developed asynchronous RESTful Microservices using spring boot, and Couchbase.
- Implemented the application with various Spring Framework modules like Spring IOC, Spring MVC, Spring Boot, Spring Security, Spring JDBC (with JPA annotations).
- Active role in Test Driven Development termed as TDD apart from Agile Software Development.
- Building/Maintaining Docker container clusters managed by Kubernetes, Linux, Bash, GIT, and Docker.
- Developed API using Spring Boot to allocate access to data in SQL, and MongoDB.
- Used different types of IDE tools like IntelliJ IDEA or Eclipse for Java J2EE Application development.
- Used Apache Kafka cluster as a messaging system between the APIs and Microservices.
- Designed and documented REST/HTTP APIs, including JSON data formats and API versioning strategy.
- Utilized Kubernetes for the runtime environment of the CI/CD system to build, test deploy.
- Developed web applications compatible with all browsers.
- Created and managed databases using Dynamo for NoSQL DB.
- Used Firebug, chrome developer tools to view and debug HTML, DOM, and JavaScript errors.
- Created and managed virtual servers using Amazon EC2.
- Utilized Amazon S3 for scalable object storage (images, HTML templates, JSON references).
- Created and deployed Docker containers using GIT and EC2 instances.
- Created and managed user using IAM console.

Environment: Java 8/11, Angular 12, Node JS, HTML5, CSS, Bootstrap 4, ES6 JavaScript, AJAX HTTP Service, TypeScript, Spring Boot, JPA, OAuth2.0, Apache Kafka, SQL Server, Docker, Amazon AWS.

Client: Travelport, Mexico City   **November 2021 – May 2022**
Role: Java Full Stack Developer
Description: Travelport is a worldwide travel retail platform. Our next-generation marketplace connects buyers and sellers that share our passion for delivering exceptional travel experiences. Unconflicted and independent, we are reinventing a simpler future for travel's complex ecosystem.

Responsibilities:
- Designed, enhanced, updated, and programming changes for portions and sub-systems, including operating systems, compilers, databases, and Internet-related tools.
- Analyzed design and determines coding, programming and integration activities based on general objectives and overall architecture of product or solution using Java 11.
- Reduced the null pointer dereferences in all the files other than the test files to ensure the defects are reduced in the Coverity scans.
- Designed and developed RESTful web services that support JSON for other developers to access to speed up development using Spring MVC, Spring Boot, Swagger API, Web Services, JSON, Log4j, MySQL and Maven.
- Developed UI component architecture for developer framework using Angular 12, Typescript, HTML5, CSS3 and Bootstrap.
- Worked simultaneously in both production and development teams and took part in designing and developing dynamic web pages using Angular 12, HTML5, CSS3, Bootstrap, SASS, JavaScript, jQuery for single page applications.
- Converted a monolithic app to microservices architecture using Spring Boot.
- Designed and developed Java Multi-Threading based collector parser and distributor process, when the requirement was to collect, parse and distribute the data coming at a speed of thousand messages per second.
- Designed and developed asynchronous RESTful Microservices using Spring boot.
- Consumed RESTFUL web services using Angular HTTP Module and transformed the response using RXJS operators.
- Configured Kafka to read and write messages from external programs and also to handle real-time data.
- Designed, perform POC where needed and developed enterprises Apache Kafka Distributed Messaging and
- Integration Ecosystem.
- Wrote test cases and performed unit testing using Junit and Mockito.
- Used Log4J for logging, debugging, monitoring the error logs and fixing the related problems.

- Created and modified Stored Procedures, Functions and Triggers Complex SQL Commands for the application using PL/SQL
- Experience working in agile development following SCRUM process, sprint, and daily standup meetings.

Environment: Java 11, Angular 12, Node JS, HTML5, CSS, Bootstrap, TypeScript, Spring Boot, JPA, OAuth2.0, Apache Kafka, PostgreSQL, Docker.

Client: T. Rowe Price, Mexico City   **September 2021 – November 2021**
Role: Java Full Stack Developer
Description: T. Rowe Price is an asset management firm focused on delivering global investment management excellence and retirement services that investors can rely on—now, and over the long term. The company provides an array of mutual funds, subadvisory services, separate account management, recordkeeping, and related services for individuals, advisors, institutions, and retirement plan sponsors.

Responsibilities:
- Involved in various phases of Software Development Life Cycle (SDLC) using Agile Methodology and attended various Scrum meetings.
- Involved in developing the UI, layout and front-end programming for web applications that matches requirements of the client and developed UI Layer for the application using HTML5, CSS3 and Angular with JavaScript.
- Created reusable HTML templates and style sheets based on UI standards and guidelines.
- Created Responsive Web Design using CSS and Bootstrap.
- Involved in designing and developing applications using Angular, Bootstrap, HTML5, and CSS3.
- Developed the Application as Single Page Application (SPA) using Angular.
- Used GIT for version control.
- Used Maven to add dependencies required for the project.
- Developed mock data generation feature that is integrated with GraphQL IDE interface to allow users to send queries against their custom generated schema and render mock results to familiarize users to the GraphQL syntax.
- Contributed to a team in developing a single page web application (SPA) based on the RESTful API using Angular, Spring MVC, Hibernate, and PostgreSQL.
- Used Maven to handle and update dependencies, run maven build, maven clean install commands to start and refresh the backend applications.
- Used JIRA to track and report the issues in the application.
- Applied JUnit tool for writing Unit /Integration test cases.
- Tested Rest APIs in Spring Boot-Controller at backend for JSON data using Postman.
- Used Spring Boot at back end which helps to develop applications with ease.
- Utilized spring and Hibernate as the architectural framework. Have utilized Dependency Injection, Spring
- MVC, AOP, Spring DAO and Spring Context modules of spring framework in the development of the project.
- Used Log4j API for logging in development, testing and production environments, configured to send email notifications.
- Used Spring cloud sidecar to accommodate node Micro services in spring boot application.

Environment: Java 8/11, Angular 12, Node JS, HTML5, CSS, Bootstrap, ES6 JavaScript, AJAX HTTP Service, TypeScript, Spring Boot, JPA, OAuth2.0, Apache Tomcat, PostgreSQL, MongoDB, Docker.

Client: Grupo Financiero Inbursa, Toluca, Mexico   **April 2018 – September 2021**
Role: System Analyst

Description: Inbursa is a financial company which, through its subsidiaries, provides banking and related services in Mexico. The company operates business lines in investment funds, general insurance, automobile insurance, mortgages, health insurance, retirement funds and commercial banking.

Responsibilities:
- Involved in various phases of the Software Development Life Cycle (SDLC) such as requirements gathering, analysis, design, development, and testing following Agile methodology.
- Designed and developed multiple applications with Spring MVC and J2EE Architecture techniques.
- Use Java/J2EE technologies to develop web applications for client-server environments and add functionalities to existing applications.
- Revamp various Java applications developed with Spring, Hibernate and older J2EE.
- Developed critical components of the application including spring forms, controllers, JSP views, and business and data logic components such as Hibernate Entities, Spring-Hibernate DAO, and spring models following MVC architecture.
- Implemented service layer using Spring IOC and annotations and Controllers using Spring MVC.
- Used Apache Maven to build projects, which assisted in testing, and producing reports on projects.
- Created build and deployment scripts using Maven.
- Developed and designed Restful Web Services using the JSON data formats.
- Used various Http request methods for the Web Services such as GET, PUT, POST, DELETE, OPTION and PATCH.
- Development to expose User Profile services to other department users using RESTful Services.
- Used RESTful for producing web services and was involved in writing programs to consume the web services.
- Implemented Swagger for the microservices for Documenting Rest API.
- Performed GitHub/GitHub-Desktop bash and Terminal commands to clone, fetch, merge, and push the code and create pull requests for changes that are made.
- Design, Code, and Test the requirements by using the Spring Boot framework.
- Using the JUnit test in Eclipse, developed Unit test cases and test suite, CURL was also implemented to test.
- Developed responsive user interface with the help of Angular 12+, ES6, and Bootstrap.
- Developed new user facing features using Angular in view level.
- Developed responsive user interface using ASP.NET Framework (Visual Basic and C#).
- Created and modified Stored Procedures, Functions and Triggers Complex SQL Commands for the application using PL/SQL; and T-SQL (SQL Server).

Environment: J2EE, ASP.NET MVC, Angular 12+, Node JS, HTML5, CSS, Bootstrap 3, jQuery, AJAX, HTTP Services, TypeScript, Spring Boot, JPA, OAuth2.0, Oracle 11g, SQL Server 2016, and Java 8, Maven, Apache Tomcat, IIS Server.

Client: Inconcert Mexico, Mexico City   **January 2015 – April 2018**
Role: Project Engineer

Description: InConcert has developed contact center solutions for hundreds of Financial Services, Telecommunications, Retail, Utilities and BPO customers across the globe. Our cloud-based omnichannel contact center platform services more than 8 billion annual interactions and is proven to enhance customer experience across all channels of communication, optimize operational costs and improve agent efficiency.

Responsibilities:
- Responsible for all stages of design, development, and deployment of web applications.
- Defined and constructed layers, server-side objects, and client-side interfaces based on J2EE design patterns.
- Developed and designed the web interface using HTML5, CSS3, JavaScript, jQuery, Angular and Bootstrap.
- Built the reusable service components using Angular Components with Object Oriented Typescript, HTML, CSS3 based on the visual designs.
- Developed various Angular components to help build the functionality and UI behavior using Typescript.
- Actively involved in using MVC, and HTML5 to enable the client-side data to meet specific criteria by applying various validation variables and using the CSS classes to provide visual feedback on validation.

- Implemented SPRING MVC application framework to create and configure Java beans using SPRING IOC and used SPRING Hibernate support, and transaction management.
- Worked on Rest Web services for backend services used Oracle for database services and RESTful web services using Jersey for JAX-RS implementation.
- Analyze business requirements and develop various business delegates to integrate with Middleware services like JAX-WS using SOAP and REST.
- Used Spring MVC components to implement the business layer and Spring Boot for Microservices.
- Implemented RESTful Web services to retrieve data from the client side and made REST API calls from
- Angular JS and parsed the data to project to the client and handled the security and Authorization using Spring Security and Oauth2.
- Created and maintained tables, functions and stored procedures using SQL Server database.
- Created IVR virtual servers using CentOS.

Environment: Java 1.7, Spring Boot, SQL Server, HTML5, CSS3, AWS, JavaScript, Rest services, Angular, Linux bash, CentOS.