

Juan Carlos Rivera Galván.

S.M.A. Guanajuato, Mexico.

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Willing to relocate / travel: Yes

Total IT experience: 13 Years.

Profile.

I am a Java Developer and DevOps Engineer with over 13 years of experience in designing, developing, and deploying complex software solutions across diverse industries, including finance, technology, and government. My expertise spans Java development, cloud platforms like Azure and IBM Cloud, and DevOps practices, such as CI/CD pipeline management, automation, and application monitoring. With a strong background in Agile methodologies and a proven track record of collaborating with cross-functional teams, I have successfully led projects that enhance system performance, scalability, and security, while consistently delivering high-quality software solutions.

Skills.

Top Skills

- Java (11+ years)
- Spring framework 2.x (8 years)
- Azure (1 year)

Key Roles Performed

- DevOps Engineer (2 years)
- Java Developer 9+ (years)

Certifications.

- <https://www.credly.com/users/juan-carlos-rivera-galvan> (55 badges)
- Oracle Certified Professional, Java EE 5 Web Component Developer.
- Oracle Certified Expert, Java EE 6 Web Services Developer.
- Enterprise Design Thinking Practitioner.
- Containers & Kubernetes Essentials.
- Security and Privacy by Design Foundations.
- IBM Cloud Private Infrastructure and Architecture.
- IBM Cloud Kubernetes Service.
- Getting started with Microservices with Istio and IBM Cloud Kubernetes Service.

Professional Work Experience.

JAVA - DEVOPS ENGINEER
DXC TECHNOLOGIES

March 2023 - March 2024
Equitable / Employee Benefits

I worked there for approximately 11 months with DevOps tools and activities using Azure cloud.

I worked with GitHub for code repositories and used Azure for building and releasing new versions, which were deployed to cloud servers. I monitored applications and notified owners when high CPU usage occurred, so they could take necessary actions. I also deployed the Splunk tool using HTTP Event Collector (HEC) and managed end-of-month deployments, hotfixes, and emergency deployments using ServiceNow for lifecycle management.

I collaborated with all the teams, including developers, testers, product owners, and teams like network and security.

Also, every month I sent reports in order to follow the bugs and issues related to the Common Vulnerabilities Exposure (CVE).

- Creation of scripts using Bash and PowerShell.
- Creation of Splunk instance and add configuration to each project to be compatible with splunk HEC
- Migration from TFVC to git
- CI/CD activities
- Service now tickets attendance.
- Deploy to production into Azure cloud.
- Github Management.
- Severity production forward
- Azure Monitoring
- Spring boot upgrades to avoid CVE vulnerabilities
- Code Quality Verification using SonarQube, Jfrog artifactory
- On call client attendance
- Weekend release deployments.

JAVA ENGINEER

August 2022 – Nov 2022

DXC TECHNOLOGY

HP/CPQ

I worked on this project fixing bugs, creating stories in Jira, and handling tickets in ServiceNow. I redefined Hibernate queries, fixed the JSP frontend using jQuery and Bootstrap, and created branch releases in Git to deploy new artifacts. I used STS as my IDE and created user stories, tasks, and epics in Jira. I applied Agile methodologies, including daily scrum meetings, Agile practices, and documentation creation.

- Java developer
- Spring boot developer.
- SQL enhancements.

SENIOR JAVA SOFTWARE ENGINEER

Jan 2016 – June 2022.

IBM DE MEXICO

IBM SOVA.

During this role I designed applications that were required to automate business processes and meet business needs in order to migrate from COBOL legacy apps to services on the cloud.

- Reduction from 2 hours deployments to 10 minutes adding DevOps Pipelines with Git + Jenkins + Sonarqube + Jfrog + UrbanCode Deploy CI/CD 80% faster than the manual way.

- Migrated 5+ legacy applications to IBM cloud platform, enhancing scalability and reducing costs.
- Creation of disaster recovery plan for legacy applications, running the DR periodically.
- New Relic configuration for monitoring applications increasing monitoring.
- Creation of CRUD for front-end using React JS and JQuery with Spring Thymeleaf.
- Creation of kafka topics to consume messages from a ftp location to a spring application using Apache Camel Integration.
- Responsible for applications-related quality, performance, availability, scalability, and integrity of the new services deployed in the IBM cloud.
- Migration from servlets & JSP legacy applications to Spring boot 2 (MVC, web, JPA, core).
- Migration from Websphere App Server to tomcat and deployment into IBM Cloud, reducing costs by 90% on licenses.
- Maintenance of scripts for legacy applications based on bash shells running on AIX power.
- Creation of deployments workflows using UrbanCode
- Creation of images of the application on Docker.
- IBM Mq maintenance (queues, QMGR, topics)
- Migration of code repository from RTC rational team concert to Github.
- Config of Swagger API to expose Rest Services.
- Migration from Soap RPC to Soap Document, just to be compatible on cloud.
- Verification of the performance application using Jmeter probes verifying the response from IBM cloud instead of AIX legacy servers by 30% faster.
- Use of Agile practices (daily scrum, retrospectives, showcase, physical boards, sprint focus)
- Code refactorization from java 6 to 8 lambdas & optionals.
- Migration of code repositories plain text to git, Mainframe code to git.

SENIOR SOFTWARE ENGINEER

June 2015 – Jan 2016

WIPRO

CITI BANK.

I worked for CitiBank projects. Production Support and maintenance of applications created on Adobe Flex Framework in the front end with BlazeDS as bridge and Weblogic 12 as application server Java 6 and Spring 2.5 on Back End, iBatis as Object Relational Mapping Framework the database was Oracle Database 10g with Stored Procedures and functions also using PL/SQL Language. Eclipse Kepler and TOAD as IDEs.

SENIOR JAVA DEVELOPER

August 2014 – May 2015

UST GLOBAL

BANCA NACIONAL FINANCIERA NAFIN.

I worked for finance applications, code fixes, fix issues, migration to spring 2.5 from a J2EE 1.3 spec. Creation of local environment with maven, database normalization on Oracle 10g, Junit for testing, use of spring modules: Batch, Core, MVC, Transaction support, AOP logging, JDBC Template, use of velocity templates, Excel file reports created with Apache POI, application refactoring, apply design patterns, Configuration management with JIRA on GIT using Bitbucket as repository, Migration of OC4J to JBoss 3.2, JQuery on front end, review of PL/SQL stored procedure using SQL Developer, Use of PMD, Checkstyle, Findbugs and Jenkins as CMP tools Oracle Linux as OS for our testing environments. Eclipse Luna and PL/SQL Developer as IDEs

SENIOR SOFTWARE ENGINEER**July 2013 – July 2014****HCL TECHNOLOGIES****USAA BANK**

Creation of RESTful web services to provide information about the servers in the USAA network, using http methods, creation and maintenance of code using frameworks like resteasy, wicket, JAXB, websphere as application server, hibernate as ORM Mapping also JPA 2.0, JUnit as test framework, peer review with smartBear, use of PMD, Firebug and checkstyle compliance tools, ANT to compile and build the EAR, bug fixes of servers monitors, XML manipulation, DB2 as database, Putty tool to access into the servers.

SOFTWARE ENGINEER**September 2011 – July 2013****GRUPO CINTE****IBM**

Responsible for Integration of new requirements for application based on J2EE architecture Working primary on front end development using dojo framework for presentation and JSON, on the back-end use java and websphere as application server, creation of widgets and java maintenance code, the control version was Jazz, the IDE was Rational Application Developer RAD, for the database I use DB2 and spring framework, creation of mapping between Java & XML (JAXB).

- XML transformation using DOM, SAX, XPATH in soap messages.
- Marshall and unmarshall XML with Java

JAVA DEVELOPER**August 2009 – July 2011****SOFTTEK****GE AVIATION**

Responsible of the integration of new requirements for the application like add a new datasource, creation of new reports on JSP pages, creation of new DAO's to access at oracle 10g databases, creation and maintenance of PL/SQL Stored procedures, using JBoss as application Server and CVS as version control. Responsible for maintenance, enhancement and bug fixes of the applications using HP Quality center as Bug control system. Responsible for re-factoring applications using PMD, Firebug and checkstyle Responsible to deploy the EAR's on DEV QA and production. Analysis of the problems and resolutions Responsible for the peer review code Client support.

SOFTWARE ENGINEER**July 2008 – August 2009****SOFTTEK****GE CORPORATE**

Responsible for designing and development of back-end modules of java web-based applications that enables the billing of mobile employees of GE and reporting of billing amounts and taxes. Responsible for the environment creation, made the skeleton and structure of the project. For this application we used maven to build the War and Ear, JBoss as application server, the database was oracle 10g, hibernate as persistence mapping framework, in the front end: JQuery, Ajax, JSTL, JSP, widgets, I used spring MVC, Quartz as cron manager, freemarker to made emails, JUnit as framework test. Creation of UML diagrams like Sequence, Class and Use Case using ArgoUML. To assure the Quality of the code I used PMD, findbugs, checkstyle and run Hp DevInspector to avoid XSS and SQL injection.

VISUAL BASIC DEVELOPER**June 2008 – August 2008****GOBIERNO DIGITAL****MEXICO GOVERNMENT DEPARTMENTS**

I worked on a system that was built on Visual Basic 6, SQL Server 2000, the control version was integrated on visual source safe; the history of enhancements was controlled by Mercury Quality Center, It was created in order to get control of salaries of the different government entities to administrate employees payrolls. Responsible for Maintenance of code and bug fixes.

JUNIOR JAVA DEVELOPER
MICHOACÁN STATE GOVERNMENT

December 2006 – January 2008
UNIDAD MICROFINANZAS

The System was created to keep track of the payment of the people registered into the microfinance program of the Michoacán state. Make the accrual of income interests; control the money flow of all the projects where the people were involved in order to create the system. I was involved in the analysis, creation of documents like memorandums of the meetings, creation of use cases, flow diagrams, charts etc. In the design phase I create the entity – relationship model of the database, also the SQL script. In the implementation phase the system was created using spring MVC and spring JDBC with JSP and JavaScript. We were using MySQL as a database running with a Tomcat container; also, I mounted an Apache server to make the application visible on the intranet.

Education.

UTNG Universidad Tecnológica del Norte de Guanajuato **2003 - 2005**

TSU on IT Associate Degree 2 years.

Mexican License Id. : 4760635

Languages.

Spanish native

English C1 proficiency

URL

<https://www.linkedin.com/in/huidos22/>