

# Jorge Abreu

## Software Engineer

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### Technical Skills

Programming Languages	Java (JSE, JEE, JDBC, JPA, Streams, Lambdas), Javascript, Typescript, Python
Frameworks	Spring Boot, Spring Core, Spring JPA, WebFlux, Hibernate
Middleware	Tomcat, Websphere, Web Logic
OS	Windows, Linux (Fedora, Ubuntu, Debian), OsX
DataBases	Informix, DB2, Oracle, MySQL, PostgreSQL, CosmosDB, SQLServer
CI/CD	AWS, git, Jenkins, docker, kubernetes
Other Technologies	Maven, subversion, junit,Mockito, HTML, CSS, SonarQube, React
Languages	Spanish (Native), English (Advanced: <b>TOEIC Test Score: 970 / 990</b> )

### Professional History

#### **MotionPoint June 2022 - Today (Sr Software Engineer)**

- Analysis of Requirements
- Design and implementation of a system using Springboot, ehcache, Spring Security
- Use of Docker to create reproducible dev environments in AWS and multi tenancy prod environment
- jUnit and mockito for Testing
- Maintenance to legacy java systems

#### **Tech Mahindra 2021 - June 2022 (Principal Software Engineer)**

- Analysis of Requirements
- Development of a java project using Springboot, Hibernate and Open API Specs
- Docker and Kubernetes for deployment in AWS

#### **Globant November 2019 - July 2021 (Tech Lead at Jefferies)**

- Experience as Lead Backend Developer, discussing and reviewing stories with managers and designing the solutions.
- Development under SCRUM methodology, using Jira as main control platform
- Backend development using a microservices architecture with Java 8, Spring Boot, Hibernate, Multi Threading SQL Databases.
- Creation of unit tests and Integration tests using junit and Mockito.
- In charge of reviewing PRs

#### **Dresden Partners June 2018 – November 2019 (Java Dev Sr at Nokia)**

- Development under SCRUM methodology
- Analysis of new requirements.
- Web development using Spring Boot, Web Flux, Java 8 and Azure

## **Itera April 2017 – June 2018 (Technical Lead at ISSSTE)**

- Analysis of new requirements.
- Use of SCRUM Agile methodology
- Design and implementation of web services using WS Security and Java 8
- Code quality audits performed to 5 systems.
- SonarQube configuration
- Design and implementation of remediation plans for code smells, bugs and vulnerabilities found.

## **IBM September 2012 – September 2016(IT Specialist / Java Dev Sr)**

- Analysis of new requirements, support for production environment, design and implementation of the solutions
- Development using Servlets API, XML technologies
- Front End design using CSS, Javascript with DOM
- Development of REST webservices using Jersey
- Creation of automated tests using Python
- Modification of UI to fulfill accessibility policies
- Analysis of Issues found in production environment (Code and Data Integrity)
- Support Tasks (Resolution based on tickets).

## **PAD Sa de CV July 2010- August 2012(Java Dev at Walmart)**

- Remediation of the vulnerabilities found on Code Review
  - Remediation of 221 security vulnerabilities
  - Modification of DAOs in order to avoid SQL Injection
  - Filter creation to detect Cross Site Scripting
  - Creation of validation methods using regular expressions based on OWASP documentation.
- Walmart Bank (Java Application Development)
  - Requirement Analysis
  - Automation of processes in order to avoid human errors.
  - Development using Servlets and JSPs using HTML, CSS, Javascript with DOM
  - Creation of Load Test in HP Performance Center
  - Development based on MVC using Struts

## **Certifications and Courses**

AWS Solutions Architect Associate	15-04-2024
TOEIC Test, Score: 970 / 990	Dec 2016 – Dec 2018
Oracle Certified Java Professional Programmer SE 6.0	22-12-2011
Oracle Certified Expert, Java EE 6 Web Component Developer	15-04-2013
Several courses through Coursera, Edx and Udacity	

## Education

Instituto Politécnico Nacional – Escuela Superior de Ingeniería Mecánica y Eléctrica  
**Communications and Electronic Engineer** (Cédula 7158472)  
Thesis: Automatic Classifier for Cancer Recurrence

Universidad Internacional de la Rioja  
**Master Degree in Artificial Intelligence** (Expected Dic 2024)

## Contact Info

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