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# PROFFESSIONAL RESUME

**Name**: Emmanuel Hernández **Role**: Senior Developer

## SUMMARY

More than 15 years of functional and development solid experience in Oracle and Java.
Graduated Information Systems Engineer. Multiple countries experience including Argentina, India and USA.
On-site consulting experience including, requirements gathering, functional analysis, design and development for new applications/features.

## DOMAIN EXPERIENCE

I have been working mostly as a Java backend developer with Oracle and MongoDB data source. However, during these years, I got the chance to work with multiple backend technologies such as SOAP, REST, microservices, Oracle, MySQL, and PostgreSQL and also with associated frameworks like JPA/Hibernate, Spring Family (Boot, MVC, AOP, etc), JUnit and Mockito.
Since few years, I also started to work with node, JavaScript and TypeScript technologies.

## CORE TECHNICAL SKILLS

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| **Programming languages & technologies:** | • Java, JavaScript, TypeScript, HTML, PL/SQL.<br>• **Frameworks**: Hibernate, Spring Boot.<br>• **Reporting**: Jasper Reports<br>• **Web Services**: REST, SOAP.<br>• **Web development (front-end)**: Angular, TypeScript.<br>• **Testing**: Mockito, Junit, Jasmine. |
| **Databases:** | • **DBs**: Oracle, MySQL, MongoDB. |
| **Build automation tools:** | • Maven, Gradle. |
| **Versioning systems:** | • GIT, SVN. |
| **IDEs:** | • IntelliJ, Eclipse. |
| **Web servers:** | • Tomcat |

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| **Continuous integration:** | • Jenkins |
| **Defects tracking tools:** | • Jira. |
| **Techniques & Methods:** | • Software Development Methodologies: Agile (Scrum)<br>• Implement test driven development and pair programming. |

# EDUCATION AND TRAINING

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| Qualifications: | 1999 - 2011: Engineers Degree, Information Systems Engineering |
| Languages: | Spanish: Native<br>English: Fluent.<br>Portuguese: Fluent. |

# RECENT PROJECTS

### SENIOR FULL STACK DEVELOPER IN A PROJECT INVOLVING DEVELOPMENT AND MAINTENANCE (NOVEMBER 2017 – DICEMBER 2019)

The client was an American company in the industry of the education of universities and research institutes with multiple products related to the production of papers and essays.

The project uses new web applications to be used as a Microsoft Word plugin.
Also, the development of new web applications and the maintenance and aggregation of features to existing applications.

Development team was distributed between, USA, Israel, Argentina and Uruguay.

**Tasks**:

- Develop code.
- Integrate changes.
- Code Review.
- Unit/Integration testing.
- Participating in estimation process.
- Working with Agile methodology (Scrum).
- AWS services (EC2, SW3, Lambdas, Docker Containers). creation and maintenance.

**Technical Skills and Tools**: Java 8, Spring Boot, Spring MVC, JPA/Hibernate, Maven/Gradle, Microservices, REST, MongoDB, IntelliJ, GIT, AWS, JSON, Node, JavaScript, TypeScript, Jasmin, JUnit.

## SENIOR BACKEND DEVELOPER IN A PROJECT INVOLVING DEVELOPMENT AND MAINTENANCE (OCTOBER 2015 – OCTOBER 2017)

The client was an American company of healthcare industry with the clinical expertise, technology, post-acute provider network, patient database and post-acute care management experience to optimize clinical and financial outcomes across the care continuum.

The project was related with improve performance of one of its applications (Admin Application). The objective is to stabilize the application and implement new features.
Also adding multiple new feature to the main web application and backoffice applications.

Development team was distributed between, USA, Argentina and Uruguay.

**Tasks**:

- Develop code.
- Code Review.
- Unit/Integration testing.
- Participating in estimation process.
- Working with Agile methodology (Scrum).

**Technical Skills and Tools**: Java 8, Spring Boot, JPA/Hibernate, Maven, REST, MongoDB, GIT, Jenkins, JUnit, JSON, Kafka.

## TECHNICAL LEAD IN A PROJECT INVOLVING DEVELOPMENT AND MAINTENANCE (NOVEMBER 2012 – OCTOBER 2015)

The client was an American company associated with Internet industry.
The were multiple projects, to mention, backoffice for customer service activities web application adding new features and production support maintenance activities.
Also create from scratch a whole new back end order fulfillment services (product catalog, user validations, orders fulfillment and payment processing).

Development team was distributed between, USA, Argentina and India.

**Tasks**:

- Develop code.
- Integrate changes.
- Code Review.
- Unit/Integration testing.
- Participating in estimation process

- Working with Agile methodology (Scrum).
- Production support.
- Team members training, support and task assignations.

**Technical Skills and Tools**: Java 7, Tomcat, Cristal Reports, Hibernate, Struts, Oracle 9i, JQuery, JavaScript, Html, SVN, Spring.

## TECHNICAL LEAD IN A PROJECT INVOLVING DEVELOPMENT (NOVEMBER 2010 – MAY 2012)

The client was an american working on software security and anti-virus technologies.
The project was related with migrate and customize a third-party learning management system to support customer training online academy.

Development team was distributed between, USA, Argentina, India and Mexico.

**Tasks**:

- Develop code.
- Bug fixing.
- Define requirements and design.
- Integrate changes.
- Code Review.
- Participating in estimation process.
- Working with Agile methodology (Scrum).
- Team members training, support and task assignations.

**Technical Skills and Tools**: Java 6, JSP, Servlets, Oracle PL/SQL, Maven, SVN, Saba.

## BACKEND DEVELOPER IN A PROJECT INVOLVING DEVELOPMENT AND MAINTENANCE (NOVEMBER 2009 – NOVEMBER 2010)

The client was an american company of a bank industry and the project was related with a migration/integration of a Brazilian branch into a LATAM regional system.
Multiple meeting with Brazilian counterpart in order to design, document and develop data migration conversions and batch processing also integrated with queue technologies.

Development team was distributed between, USA, Brazil and Argentina.

**Tasks**:

- Develop code.
- Integrate changes.
- Code review
- Unit/Integration testing

- Participating in estimation process.
- Working with Agile methodology (Scrum).

**Technical Skills and Tools**: Java 6, Spring, SOAP, Oracle PL/SQL, IBM Websphere MQ, SVN.

## BACKEND DEVELOPER IN A PROJECT INVOLVING DEVELOPMENT AND MAINTENANCE (NOVEMBER 2004 – OCTOBER 2009)

The client was an international japan company on the car manufactory industry located in Argentina.
There were multiple projects and applications since I was there for many years. I can mention develop new web internal applications for HR and Finance departments as well as an Intranet web application.
Also, lots of Oracle PL/SQL and java development for suppliers and production assembly lines like stock and consuming management.

Development team was in Argentina only.

**Tasks**:

- Develop code.
- Integrate changes.
- Unit/Integration testing
- Participating in estimation process.

**Technical Skills and Tools**: Java, Spring, SOAP, Oracle PL/SQL, SVN, JSP, Servlets, HTML.