

# LUIS CARLOS HERNANDEZ – SOFTWARE ENGINEER

---

## SUMMARY

- Mature IT professional with 3+ years of hands-on industry experience with a key focus on software development
- Key areas of technical expertise: defining and analyzing requirements, coding of the solution, leading teams
- Well-versed with developing software in different architectures and services for clients
- Proactive and responsible team player, proven ability to multitask, prioritize and master new tools and technologies
- Interested in good programming practices that allow guiding the development process towards a quality product

### Technical Skills:

- Programming Languages: Java, JavaScript
- Technologies and Frameworks: Spring, Spring Boot, Spring Data, Spring Security, MVC, Rest, Soap, Hibernate, JPA, Aws Cognito, Aws Step Function, Aws Lambda, ElasticSearch, Junit, Mockito, Sinon, Mocha, Chai, AJAX, jQuery
- Good Practices: Design pattern, Gang of Four, Solid, Clean Code, SonarLint, SonarQube, Swagger, Semantics Http Request Methods.
- Tools: Docker, RabbitMQ.
- Databases: Oracle, MySQL, PostgreSQL, FireStore, Dynamo.
- Version Control Systems: Git, SVN.
- Methodologies: Agile, Scrum, Kanban, TDD.

## WORK EXPERIENCE

Dec-2018 - Mar-2021 - Java Developer, Pragma S.A

### Tasks performed:

- Developed multiple microservices using Spring Boot, Hibernate, JPA, Cognito, DynamoDB, API Gateway, MySQL, Junit and Mockito
- Worked with Databases (MySQL, PostgreSQL, DynamoDB) to storage information in all microservices.
- Developed new features in different technologies such as Java, Spring Boot, NodeJS, AWS Cognito.
- Implement and integrate a workflow using aws Lambdas and Step Functions
- Analyzed the requirements for new features, refinement of all user stories and proposed better approach when is necessary.
- Worked with TDD, Junit, Mockito, PowerMockito to Conduct functional testing, automation testing such as unit test, integration test, component test.

- Worked with CI and CD, based on different technologies such as Git, Gradle, Sonar, Gitlab Pipelines, Docker, Kubernetes.
- Teamwork based on agile methodologies such as Scrum and Kanban.

**Environment:** Relational DB, Java, Node.js, Spring Boot, microservices, Spring Cloud Config, Spring Data, REST services, GraphQL, JUnit, Gradle, Maven, Sonar, Gitlab Pipelines, Scrum, AWS cloud services, Kubernetes, Docker, Gitlab and Git.

**Mar-2021 - Sep-2021** - Ssr Adv Java Developer, Globant

**Tasks performed:**

- Created microservices based on with microservice architecture, event-driven architecture and Google cloud services.
- Worked with Relational (MySQL) and nonrelational DB (FireStore in mode DataStore)
- Developed new features in different technologies such as Java, Quarkus, JavaScript and NodeJs.
- Analyzed the requirements for new features, refinement of all user stories and proposed better approach when is necessary.
- Worked with TDD, Junit, Mockito, Mocha, Chai to Conduct functional testing, automation testing such as unit test, integration test, component test.
- Worked with CI and CD, based on different technologies such as Azure, Git, Gradle, Sonar, Jenkins, Docker, Kubernetes.
- Teamwork based on agile methodologies such as Scrum and Kanban.

**Environment:** Java, React, Spring Boot, microservices, rest services, DDD, event-driven architecture, JUnit, Gradle, Maven, Sonar, Jenkins, Scrum, AWS and azure cloud services, Kubernetes, Docker, Git, Relational and Nonrelational DB.

**Sep-2021 - May-2022** - Software Developer, PSL now Part of Perficient.

**Tasks performed:**

- Adjustment and repair of rest services for reported bugs.
- Development of unit tests to existing components to increase the coverage and quality of the code.
- Code debugging to track unexpected behavior in the application.
- Analyzed the requirements for new features, refinement of all user stories and proposed better approach when is necessary
- Development of the archetype and different libraries to later use them in the migration of the project from a monolithic architecture to microservices.

**Environment:** Java, HPPT Verb, JUnit, Camunda, Spring Boot, microservices, rest services, BDD, DDD, hexagonal architecture, event-driven architecture, Gradle, Maven, Sonar

**May-2022 - Now** Software Engineer, EPAM SYSTEMS

**Tasks performed:**

- Developed microservices using Spring Boot, Hibernate, JPA, JWT, MySQL.
- Worked with CI and CD, based on different technologies such as AWS, Git, Gradle, Sonar, Jenkins, Docker.
- Development of unit tests to existing components to increase the coverage and quality of the code.
- Analyzed the requirements for new features, refinement of all user stories and proposed better approach when is necessary.

## **EDUCATION**

**Bachelor's Degree** in Systems Engineering - University of Cartagena

**Certifications:**

- Java Developer Career - Platzi
- Scrum Course - Platzi
- Git Professional - MinTic
- TeleWorking - MinTic
- Containers on AWS Technical - AWS Training and certification
- Java SE Advance - Platzi