

# JESSICA CLAIRE

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## Professional Summary

Diligent Web Application Developer with more than 7 years IT and Tech experience including Web-based Application Developing using

Java/Spring. Experience in Software Development Methodology such as SDLC, Analysis, Design, Implementation and Testing of Object

Oriented applications and web-based Enterprise Applications and Java design patterns as a back-end developer.

## Skills

**Languages:** Java

**Methodologies:** Agile, Scrum.

**Databases & ORM:** Oracle, MySQL, JPA, Hibernate.

**Spring Frameworks:** Spring core, Spring Boot, Spring Cloud, Spring AOP.

**IDE Tools:** Eclipse, IntelliJ Idea.

**Containerization :** Docker

**Version Control:** Git

**Testing Tools:** Junit, Mockito, Spring Test Framework

**Build Tools :** Maven

**AWS services :** SQS, SNS, S3, EC2, Elastic Beans Talk

## Work History

**Java Developer**, 02/2019 to Current

**Chenega Mios** – Luke Air Force Base, AZ

- Developed java modules implementing business rules and workflows and developed the REST based Microservices using Spring Boot .
- Involved in the design and development phases of Agile Software Development.
- Developed data layer using relational databases and OR mapping frameworks like hibernate an JPA Demonstrated OO design skills.
- Experienced with Spring cloud modules (Spring Cloud config server, Spring Cloud gateway server, Eureka naming server, Spring Cloud Zipkin)
- Worked docker container management along with volumes, container-based DB, and services.
- Used Log4j framework to log/track application along with distributed tracing server (Zipkin).
- Involved in JUnit Testing, debugging, and bug fixing.
- Used GIT for Source Control and Version Management of all codes and resources.

**Environment :**

Java 8, RESTful Web Services,Hibernate, Spring Core, Spring Data, Spring MVC, Spring Batch, Spring Boot, Eclipse IDE, Jenkins, AWS EC2, S3, SNS, SQS, Splunk, Oracle, Maven, Jenkins, GIT,, JUNIT, log4J.

**Java Developer Intern**, 05/2018 to 01/2019

**Internet Brands, Inc.** – Columbus, OH

- Wrote clean code for functional web applications under instruction of master developer.
- Documented software development methodologies in technical manuals to be used by Developers in future projects.
- Collaborated with programming analysts, designers and testers to identify needed features and edits.
- Contributed ideas and suggestions in team meetings and delivered updates on deadlines, designs and enhancements.

**Environments:**

Java , Spring , Hibernate, Git, MySQL

**Electronic Designer/Programmer**, 06/2015 to 01/2018

**Us Department Of Transportation** – Pierre, SD

- Designed an embedded system for motor control, odometry calculations, sensor interface and serial communication using dsPIC micro controllers.
- Programmed and tested individual modules like motor control, sensor circuit and power distribution system using embedded C, assembly language and MATLAB .
- Conducted workshops and mentored undergraduate engineering students for projects in microcontroller programming, robotics and embedded system.
- Designed a wireless sensor network using Zigbee protocol for accurate localization using IAR embedded workbench.
- Designed the interface of a customized print head assembly to the company's standard robot to add functionality of floor marking.
- Performed power calculations, electrical schematics and electronic assembly.
- Acknowledgement customer issues and resolved their problems quickly and efficiently.
- Documenting software defects in step-by-step detail in reports submit to product development.
- Subject software to methodical testing to identify functionality defects.

**Environment:**

C, Embedded C, Assembly language, MATLAB

Microcontrollers:

Renesas RX62, Renesas Q5K, Arduino, x86, Atmel 8051, PIC, dsPI.

**Electronics Engineer**, 10/2012 to 05/2015

**Iran Nobaft** – City, STATE

- Provided team members and leadership with documentation such as test results, system design specifications and status reports.
- Repaired printed circuit boards or subassemblies by replacing electronic and or mechanical components in correct orientation.
- Read blueprints, wiring diagrams, schematic drawings and engineering instructions to properly assemble electronics units.
- Performed preventive maintenance and calibration of equipment and systems.
- Recommended repair or design modifications of electronics components or systems based on factors such as environment, service or system capabilities.

## Education

**Bachelor of Science:** Electrical Engineering, 08/2012

**Najafabad University** - NajafAbad, Iran