

Fettah Guerni



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Software developer with 25+ years' experience with a master's degree in computer science. Solid skills to design, develop and review code in a variety application domain, health care, finance and telecommunications.

Skills

- Advanced skills in Programming.
- Solid understanding of MicroServices and service-oriented architecture.
- Capacity for architecting solutions, taking decisions and solving problems.
- System analysis, solution modeling and creation documentations
- Expert level knowledge with object-oriented programming, clean code programming, SOLID, and design patterns.
- Integration testing, Unit testing and mock frameworks. Performance testing.

Technologies

Programming

Advanced skills in Java design, development and frameworks. JDK8 and WebFlux (Reactive programming).

Full Stack skills with Java and Angular 5 using TypeScript

JavaScript ES6/NodeJs/API Restfull/Authentications/Security/Architecture.

Java frameworks/Specifications

Spring [MVC | Boot | Data | Security | Config]

JAX-WS, JAX-RS, JPA, Servlet, Security

Solution Architecture

Solid understanding of micro services and service-oriented architecture.

System analysis, solution modeling and creation documentations and UML diagrams.

Development

Expert level knowledge with object-oriented programming, clean code programming, SOLID, and design patterns.

Defect handling pattern and logging.

Integration testing, Unit testing and mock frameworks. Performance testing.

Maven experience.

Web services

Solid knowledge to create and consume web services. SOAP (XSL/T, XML Schema, WSDL) and Restful.

Source Control System

Solid understanding and usage of GitLab, GIT, Perforce, BitBucket

DevOps

Docker and Containers knowledge.

GitLab– Continuous Integrations, Continuous Delivery and Pipelines.

Experience in Shell Scripting, Ant Scripting, and Linux knowledge.

Connections SSH, Putty etc.

DBMS

Knowledge of relational DBMS, SQL, Procedures/Triggers and non-relational DB.

Agile

Team leadership Agile Scrum.

Experience

SEP 2019– FEB 2021

Software developer/ Bell Canada, Montreal

Project [crave.ca](#)

Project Crave.ca (Equivalent of Netflix at bell): The User Management platform is a set of micro-services which offers a Rest API for other application groups.

Micro-services and cloud computing architecture

- Responsible for Design the solution to bring new features updates.
- Focus in microservices Architecture.
- Java 8. Backend Spring Boot and Spring Data.
- Docker containers
- MongoDB, Redis caching, rabbitMQ, Postman
- Feign and open Feign, WebClient and swagger API
- Pipeline integration for CI/CD with GitLab.
- Development of Unit Tests and Integration tests using JUnit 5, Mockito and Karate framework
- Integration tests using the Karate framework.
- Scripting with Python and Pytest
- Use Agile (Jira, Confluence and Slack)

SEP 2018 – MAY 2019

Java Full Stack Developer / Desjardins, Montreal

Project Account Opening ([ouverturedecompte.disnat.com](#))

The account opening is a webapp application where the front end is built with Angular and the back end is a Java MVC application.

- Develop Front End web components with Angular 5 and Node.js

- Develop Back End business layer with Spring MVC
- Expose Soap/Rest web services
- Develop unit tests
- Use Agile (Jira, confluence)

NOV 2017 – JUNE 2018

Java Designer / National Bank of Canada, Montreal

Project Wealth Client Information

- Define the system architecture`
- Develop the web services
- Implement a POC for the cloud solution using openshift
- Environment: SprintBoot, Rest API, MapStruct, Spring integration, Maven, Swagger, Jenkins, BitBucket, Eclipse, RedHat developer studio, openshift

MAY 2017 – OCT 2017

Java Web Developer / ndex Systems, Montreal

Project Investment Portfolio

- Integrate the tiny MCE plugin
- Implement a PDF document manager
- Environment: Framework MVC (Struts 1.2), Javascript, JQuery, Librairies Open-source Java/Javascripts (PDF.js, Fabric.js, PdfBox 2.0, TinyMCE 4, Apache TomCat 8, Jetty, Eclipse, CVS, SQL Sybase).Senior Java Developer / Morgan Stanley, Montreal

DEC 2005 – APR 2017

Senior Java Developer / Morgan Stanley, Montreal

Project MSIM Event Server Application (Back-end application)

- Develop a J2EE Application based on Spring framework
- Extract messages and publish to messages to CPS MQ
- Send notification and alarms thru emails and Netcool
- Use Hibernate for Sybase access

Project MSIM data services platform, this platform is backend server that offers a list of services that use configurations to access, extract and aggregate data from differents databases.

- Extract data and publish to messages to CPS MQ
- Send notification and alarms thru emails and Netcool
- Use JDBC for Sybase access

Environment:

Java, J2EE, Windows XP, Linux, Spring, Flex, XML, XSLT CXF, Hibernate, SOAP, Eclipse, MQ JMS, C++, Perl script, Sybase, Oracle, SQL, Informix, Tomcat, Apache, Rationale Rose, MS Office, Perforce, SDLC, Linux/KHS, Perl, MQSeries.

FEB 2001 – NOV 2005

Senior Software Engineer / Ericsson, Montreal

Project OSS - RNM (Radio Network Manager)

- Develop the backend services on Unix platform with C++
- Store and access the Sybase database through jdbc
- Shell scripting
- Environment: C++, makefiles, UML, Sybase, python

Education

JAN 1995

Master of science in computing MSC/ UQAM - University of Quebec in Montreal

SEP 1990

Bachelor of Computer Science/ Institut National d'Informatique - INI Algiers, Algeria

Languages

- French and Arabic: native languages
- English: fluent (speaking, reading, writing)