LYES SEFIANE

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Software Engineer 3

PROFILE

- 8+ year's experience developing applications with Java 8+ and Spring Boot 2+.
- 3 year's experience leading the software development and delivery using Agile Scrum methodology.
- Experience in use of standard SCM tools (Git) and build automation tools (Maven).
- Experience with Docker, PostgreSQL, Redis, Openapi/Swagger, Postman, Jira, Bitbucket, Confluence.
- Experience building and designing RESTful Web Services.
- Hands-on building cloud-native applications using event driven microservices architecture with Kafka.
- Hands-on DevOps practices using GitHub Actions, CircleCi, Snyk, SonarQube, DockerHub, and Firebase.
- Experience working with remote teams in different time zones (Canada, USA, UK, India).

PROFESSIONAL EXPERIENCE

Software Engineer 3

March 2022 – *July* 2022 (5 *months*)

Ciena | Greater Montreal Metropolitan Area | Permanent Full-time | Remote

- Work in a "DevOps" culture from requirements, implementation to deployment.
- Apply technologies (Linux, Docker) to develop and support inhouse and commercial software.
- Interact with a globally distributed team of product designers.

Skills: Java 11 · Eclipse · JIRA · Docker Products · Confluence.

Specialist, Software Architecture

January 2021 – February 2022 (1 year 2 months)

Ciena | Greater Montreal Metropolitan Area | Permanent Full-time | Remote

- Leading the team and the software delivery using Agile Scrum methodology.
- Decide with the team how to approach tasks and develop a plan to accomplish them.
- Drive product design and analysis.
- Perform development, unit/integration testing, individually and in collaboration with the team.
- Perform code reviews.
- Create and maintain internal technical documentation.
- Troubleshoot software issues & work with the team to identify the cause.
- Maintain the continuous integration and deployment tools.
- Coordinate and communicate information to team members and stakeholders.
- Resolve issues and conflicts that may arise during sprint execution.
- Support the director in allocating software developer resources.

Skills: Java 11 · Spring Core · JavaFX · JUnit · Git · Maven · Design Patterns · JIRA · Bitbucket · Confluence

Senior Associate, Solutions Engineering November 2018 – December 2020 (2 years 2 month)

Ciena | Greater Montreal Metropolitan Area | Permanent Full-time | Hybrid

- Develop and Design features to analyze and visualize telecom networks.
- Participate in all stages of the software development.
- Collaborate with software development team to ensure successful software delivery on time.
- Enhance coding standards and development guidelines.
- Participate in code/design reviews.
- Maintain internal technical documentation.

Skills: Java 11 · Spring Core · JavaFX · JUnit · Git · TL1 · Maven · Design Patterns · JIRA · Bitbucket · Confluence

Java Software Developer

April 2017 – *October* 2018 (1 year 7 months)

Ciena | Greater Montreal Metropolitan Area | Contractor Full-time | On-Site

- Develop adaptive solutions related to networking and telecom engineering.
- Participate in all stages of the software development.
- Work in close collaboration with the telecommunication engineers.
- Understand the requirements involved in the evolution of the system.

Skills: Java 8 · Swing · JUnit · Git · TL1 · Maven · Design Patterns · Eclipse · JIRA · Bitbucket · Confluence

Founder and President

March 2015 – *June* 2016 (1 year 4 months)

IT-DMSIC | Greater Paris Metropolitan Region | Permanent Full-time | On-Site

- Developing and maintaining a company's vision, mission statement, and strategic plan.
- Setting up systems and procedures to ensure the company's success over time.
- Reviewing financial statements and other reports to assess the company's performance.
- Identifying new opportunities for revenue growth, including new products or services.
- Evaluating new technologies to determine their potential impact on the company's operations.
- Establishing and maintaining relationships with suppliers, customers, and other business contacts.

Skills: Agile Project Management · Software Development · Program Management

Erlang Software Developer Intern

April 2014 – September 2014 (6 months)

EDF | Greater Paris Metropolitan Region | Internship | On-Site

- Study multi-agent systems domain.
- Define a real case of prey-predator model.
- Implement the model with Erlang on Sim-Diasca.
- Analyze the results, including the sensitivity to initial conditions.

Skills: Erlang · Git · Application Development · Design Patterns · Eclipse · Sim-Diasca

Java Software Developer Intern

March 2012 – *August* 2012 (6 *months*)

IBISC-CNRS Laboratory | Greater Paris Metropolitan Region | Internship | On-Site

- Analyze algorithms for collaborative coalition in the multi agent system domain.
- Develop a generic collaborative coalition protocol with Java and Jess.
- Test, validate and Integrate in an embedded ambient environment.

Skills: Java 7 · JUnit · Git · Application Development · Object Oriented Design · Eclipse

Java Software Developer Intern

March 2011 – August 2011 (6 months)

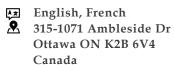
IBISC-CNRS Laboratory | Greater Paris Metropolitan Region | Internship | On-Site

- Analyze algorithms of negotiation protocols in the multi agent system domain.
- Design and Develop a generic negotiation-based protocol with Java and Jade.
- Test, validate and Integrate in an embedded ambient environment.

Skills: Java 6 · JUnit · Git · Application Development · Object Oriented Design · Eclipse

EDUCATION

LYES SEFIANE



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Dear Madam, Sir,

My name is Lyes Sefiane, Algerian Citizen Native and Canadian Citizen by Naturalization, Software Engineer 3 with more than **8 years experience** developing applications mainly with **Java Ecosystem** (Java 8 +, Spring Boot 2+, Spring Data JPA 2+, Spring Data JPA 2+, Spring MongoDB 2+, JUnit), Redis, PostgreSQL, MongoDB, Docker, Postman, Openapi/Swagger, RESTful Webservices, Agile Scrum methodology. Please refer to my <u>LinkedIn</u> and <u>GitHub</u> profiles for more information.

After **5.4** amazing years developing, designing, expanding a **Desktop Application** (**Java 11**, **JavaFx/OpenJFX** and **Spring Core Framework**) at <u>Ciena Corporation</u> as a full time employee dedicated to the **Optical Networking** domain (reporting to the **Director Service Innovation** at <u>Ciena Corporation</u>) to aid the Ciena's network engineers on their daily tasks, I resigned from <u>Ciena Corporation</u> on **July 29**th, **2022** which triggered a full background check.

During my experience at <u>Ciena Corporation</u> I managed the software development team of **04 Software Developers** contractors and **02 internships** students using the Agile Scrum methodology for more than **03 years.**

Currently looking for a career advancement inside/outside Canada following my move from Montreal to Ottawa on December 1st, 2022 where I earned my Educational Credential Assessment (ECA) provided by the Comparative Education Service (CES) of the University of Toronto of my Master's degree of Paris Dauphine University.

Do not he sitate to reach out to me for more information.

Regards, Lyes Sefiane.