LYES SEFIANE

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Software Engineer 3

Ottawa, Ontario, Canada

PROFILE

- 8+ year's experience developing software with Java 17+.
- 3 year's experience leading the software development team using Agile Scrum methodology.
- Experience building and designing RESTful Web Services with Spring Framework 6+, JUnit, Redis, PostgreSQL, MongoDB, Docker, Postman, Openapi/Swagger, Apache Kafka.
- Experience in use of standard SCM tools (Git) and build automation tools (Maven).
- Experience working with remote teams in different time zones (Canada, USA, UK, India).
- Hands-on DevOps practices using GitHub Actions, Snyk, SonarQube, DockerHub, and Firebase.

PROFESSIONAL EXPERIENCE

Software Engineer 3 *March 2022 – July 2022 (5 months)*

Ciena | Montreal, Quebec, Canada | 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 | Montreal, Quebec, Canada | Permanent Full-time | Remote

- Lead the software development team 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 | Montreal, Quebec, Canada | 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 | Montreal, Quebec, Canada | 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 | Paris, Paris, France | 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 | Clamart, Hauts-de-Seine, France | Internship | On-Site

- Study and analyze the distributed systems domain bibliography.
- Define and implement a prototype model with Erlang on Sim-Diasca.
- Test and validate the results.

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

Java Software Developer Intern
March 2012 – August 2012 (6 months)
IBISC-CNRS Laboratory | Évry-Courcouronnes, Essonne, France | Internship | On-Site

- Analyze coalition formation algorithms related to the distributed systems domain.
- Develop a generic coalition formation protocol with Java and Jess.
- Test, validate the results.

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

Java Software Developer Intern
March 2011 – August 2011 (6 months)
IBISC-CNRS Laboratory | Évry-Courcouronnes, Essonne, France | Internship | On-Site

- Analyze negotiation protocol algorithms related to the distributed systems domain.
- Develop a generic negotiation-based protocol with Java and Jade.
- Test, validate the results.

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

EDUCATION

Master's in Computer Science and Intelligent Systems
2012 - 2014
Paris Dauphine University | Paris, Paris, France | Full-time

Master's in Computer Science
2010 - 2012
Paris 8 University | Saint-Denis, Seine-Saint-Denis, France | Full-time

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🌐 https://lyes-sefiane.web.app/

Dear Madam, Sir,

My name is **Lyes Sefiane**, Algerian Citizen Native and Canadian Citizen by Naturalization with 02 **Master's degrees** from two different Paris universities (Paris 8 University and Paris Dauphine University) and a **Bachelor's degree** from the University of Tizi-Ouzou in Computer Science.

Software Engineer 3 with **8+ years experience** developing software using the Java ecosystem technologies such as **Java 17+**, **Spring Framework 6+**, **JUnit**, **PostgreSQL**, **Redis**, **MongoDB**, **Docker**, **Postman**, **Openapi/Swagger** to develop **Desktop**, **RESTful Webservices** and **Microservices** by applying **Agile Scrum methodology**. Please refer to my LinkedIn and Gravatar profiles for more information.

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

During my experience at **Ciena** I led the software development team of **04 Software Developers** contractors and **02 internships** students as Algerian Citizen Native and Permanent Resident (PR) of Canada using the **Agile Scrum methodology** for more than **03 years.**

Currently looking for a career **advancement** following 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 hesitate to reach out to me for more information.

Regards,
Lyes Sefiane.