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

Master's in Computer Science and Intelligent Systems   *2012 - 2014*
Paris Dauphine University | Greater Paris Metropolitan Region | Full-time

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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 field. **Software Engineer 3** with **8+ years experience** designing and developing software using the Java ecosystem such as Java 8+, Spring Framework 5+, JUnit, PostgreSQL, Redis, MongoDB, Docker Products, Postman, Openapi/Swagger to develop Desktop, RESTful Webservices and Microservices applications by applying Agile Scrum methodology. Please refer to my LinkedIn and Gravatar profiles for more information.

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

During my experience at Ciena Corporation 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 hesitate to reach out to me for more information.

Regards,
Lyes Sefiane.