

ROLE PROFILE

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| Title: | Software Development Technical Lead |
| Function: | Technology |
| Reports To: | Director, Software Development |
| Location: | Toronto |
| Type: | Full Time |

Role Description

The Software Development Technical Lead serves as a Subject Matter Expert in the design and implementation of technical solutions for Exchange Solutions. With strong team and cross-functional interactions, delivers quality results through providing advanced technical knowledge expertise and execution of complex assignments. In conjunction with the Director, Software Development, will be responsible for identifying and allocating appropriate resources to project assignments.

Primary Responsibilities

- Will participate in hands on practical software development in an integrated development environment through designing, coding, testing, and debugging software.
- Work with product management and business stakeholders to clarify requirements using skillful questioning.
- Work closely with the Technology Solutions and Account Management team in the project planning process to ensure technical estimation and timelines are accurate.
- Take a collaborative approach to the lead role when leading meetings or interacting with other developers, architects and analysts on technical solutions.
- Apply subject matter expertise and diagnose and remediate problems and systems including the underlying infrastructure with minimal supervision. Provide recommendations to the Director, Software Development for improvements.

- As a technical lead, share expert knowledge with junior resources and provide guidance as required.
- Act as a champion and expert practitioner in promoting an agile development environment, along with continuous integration and test-driven development.
- Recommend and implement solutions in a timely and effective manner ensuring quality while leveraging many different technologies.
- Effectively works and communicates with QA and client stakeholders to triage defects and defect resolutions.
- In conjunction with the Director, Software Development, implement software release management and deployment processes.
- Apply specialized knowledgeable in managing different branches of code in various environments.

Capability Requirements – education, skills & experience

- Masters or Bachelor's degree in Computer Science, Engineering, a related field or equivalent work experience.
- Minimum 5-8 years' experience in software development building scalable commercial-grade consumer focused web platforms, APIs and applications, with experience in a Subject Matter Expert Lead role.
- Very strong Java development background with a understanding of multi-paradigm programming concepts and Design Patterns.
- Experience with Spring Boot 2 and or Spring Framework
- Proficiency in web technologies: HTML, XML, JSON, CSS, XSLT, JavaScript, Nodejs.
- Experience in PostgreSQL/RDBMS, i.e., Oracle, PostgreSQL, AWS Aurora PostgreSQL
- Experience in NoSQL document and key value stores, i.e., MongoDB and Redis a definite asset.
- Experience implementing AWS technology like DynamoDB, EKS, Lambda, ECS, Beanstalk, etc.
- Must be experienced in working in an agile development environment, i.e., Scrum or XP.
- Strong knowledge of continuous integration (CI) and test-driven development (TDD).
- Experience with build tools like ANT, MAVEN, or Gradle.
- Experience with Bitbucket, Stash or Git
- Must be self-motivated with a proven track record of project completion with high quality results.



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- Must have a thorough knowledge of business processes and best practices while staying current on latest technology advancements.
- Possesses strong technical leadership qualities through thought leadership and knowledge sharing.
- Results oriented with the ability to identify problems and troubleshooting accordingly.
- Must have excellent communication skills, both verbal and written.
- As a team lead, acts as both a team player and subject matter expert lead on projects.
- In conjunction with the Director, Software Development, may assign work assignments to other resources.