Engineer – Full Stack

Position Description
ABC Technology aims to be an industry leading function that delivers sustainable regulatory compliance through technology automation and competitive operating leverage to create a safe and controlled operating environment that protects the franchise and its clients. In order to do this, we must ensure that we remain an engineering focused organization. We are looking for technologists who demonstrate a passion to build the right thing in the right way. You will will work as part of a cross-functional agile delivery team, including analysts, developers and testers. You will bring an innovative approach to software development, using the latest technologies and practices, as part of a focus on business value. You will be someone who sees engineering as team activity, with a predisposition to open code, open discussion and creating a supportive, collaborative environment. You will be ready to take a leading role in all stages of software delivery, from intial analysis right through to production support. You will have an opportunity to work in an environment that provides continuous growth and learning, with an emphasis excellence and mutual respect.

Position Specific Responsibilities and Accountabilities

- Work as part of a delivery team, collaborating with others to understand requirements, analyse and refine stories, design solutions, implement them, test them and support them in production

- Use BDD techniques, collaborating closely with users, analysts, developers and other testers. Make sure we are building the right thing.

- Write code and write it well. Be proud to call yourself a programmer. Use test driven development, write clean code and refactor constantly. Make sure we are building the thing right.

- Be ready to work on a range of technologies and components, including user interfaces, services and databases. Act as a generalizing specialist.

- Define and evolve the architecture of the components you are working on. Contribute to architectural decisions at a department and bank-wide level.

- Ensure that the software you build is reliable and easy to support in production. Be prepared to take your turn on call providing 3rd line support when it's needed

- Help your team can build, test and release software with the short lead times and a minimum of waste. Work to develop and maintain a highly automated Continuous Delivery pipeline.

- Help create a culture of learning and continuous improvement within your team and beyond

People Management

---- AVP ---
As a Assistant Vice President, you will be expected to lead others. For example in sharing knowledge, facilitating meetings and workshops, defining new designs and disovering new techniques. In some cases, it may also include elements of team leadership or line management.

--- VP ----
As a Vice President, your role will include management and leadership responsibilities, such as:
- Leading teams
- Line management
- Mentoring and teaching
- Discovering new techniques and helping others to adopt them
- Leading by example

Experience/ Exposure

You will need:

- Deep knowledge of at least one modern programming language, along with understanding of both object oriented and functional programming. Ideally knowledge of Java and Scala.

- Practical experience of test driven development and constant refactoring in continuous integration environment.

- An understanding of web technologies, frameworks and tools, for example: HTML, CSS, Javascript, Angular, Bootstrap, React, D3, Node.js

- Knowledge of SQL and relational databases

- Experience working in an agile team, practicing Scrum, Kanban or XP

The ideal candidate will also have:

- Behaviour Driven Development, particularly experience of how it can be used to define requirements in a collaborative manner, ensure that the team builds the right thing and create a system of living documentation

- Experience with a range of technologies that store, transport and manipulate data, for example: relational databases, nosql, document databases, graph databases, Hadoop/HDFS, streaming and messaging

- Knowledge gained in Financial Services environments, for example products, instruments, trade lifecycles, regulation, risk, financial reporting or accounting

- Architecture and design approaches that support rapid, incremental and interative delivery, such as Domain Driven Design, CQRS, Event Sourcing and microservices

Education/ Qualifications

We are happy to consider candidates with a wide variety of educational backgrounds and qualifications. Qualifications in computer science, STEM subjects, other numerate disciplines, business and economics are beneficial for the role.

We also look favourably upon candidates with equivalent practical experience. This could have be gained in the workplace or in other contexts, such as contributing to open source software or working on personal projects.