Engineer - Hadoop

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 relentless 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 contribute to all stages of software delivery, from intial analysis right through to production support.

You will have the opportunity to work on challenging problems, building high-performance systems to process large volumes of data, using the latest technologies

Position Specific Responsibilities and Accountabilities

- Work as part of a cross-functional agile team, collaborating with others to understand requirements, analyse and refine stories, design solutions, implement and test them

- Apply Behaviour Driven Development 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.

- 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 define the architecture of the components you are working on

- Help your team to 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

- Contribute towards 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 Java, Scala and Python.

- Experience of the Hadoop ecosystem and the technologies that comprise it.

- A good understanding of Apache Spark

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

- Knowledge of SQL and relational databases – ideally both Hive/Impala/SparkSQL and a traditional RDBMS, such as Oracle

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

The ideal candidate will also have:

- A background in 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

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

- An understanding of data science techniques, including experience with technologies such as Pandas, Spark ML Library, R, etc. Experience creating effective data visualisations

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

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.