**Front-End Engineer**

Department Overview

TDS Risk Technology covers technical planning, integration, systems analysis, design, development, unit and component systems testing, support-maintenance, and more. Meaningful, effective relationship-building is part of what these highly-skilled experts do best as they work together with technology project managers, delivery partners, business and systems analysts, testing and quality assurance teams, sponsors and so many other stakeholders to clarify requirements.

Building a World-Class, Diverse and Inclusive Technology Team

We can't afford to be boring. Neither can you. The scale and scope of what TD does may surprise you. The rapid pace of change makes it a business imperative for us to be smart and open-minded in the way we think about technology. TD's technology and business teams become more intertwined as new opportunities present themselves. This new era in banking does not equal boring. Not at TD, anyway.

TD Applications & Systems Development covers technical planning, integration, systems analysis, design, development, unit and component systems testing, support-maintenance, and more. Meaningful, effective relationship-building is part of what these highly-skilled experts do best as they work together with technology project managers, delivery partners, business and systems analysts, testing and quality assurance teams, sponsors and so many other stakeholders to clarify requirements.

There's room to grow in all of it.

**Job Description**

Building a World-Class, Diverse and Inclusive Technology Team

Technology Solutions is looking for a Senior Frontend Engineer within Global Equity Derivatives IT to be part of their UI team that is building a one of its kind, front office (FO) trading application - Mercury. The front office objective for Mercury is to provide traders and business users with complete and accurate reporting, accounting, and business insights, through data analytics and visualizations. The GED Mercury team is looking for a strong, motivated, tech-savvy individual, who loves solving challenging problems related to real-time, data volume, performant and building feature-rich UI controls. The candidate should be a team player, willing to mentor junior developers and a promoter of new and innovative ideas.

**What makes this project unique**

The project aims to provide the best-in-class reporting solution for the GED business, one that will fulfill downstream and FO users’ advanced analytical and reporting needs. The solution aims to provide support for adhoc reporting, time-series analysis, advanced statistical capabilities, predictive modeling and interactive web dashboards. With this end-to-end solution, business departments will have complete visibility into data and can drive actionable insights with minimal IT overhead.

A creative software engineer who takes great pride in both the technical and business aspects of work will be wellsuited for this role. The candidate should be innovative and passionate about delivering great software and ensuring high customer satisfaction. This role encompasses end-to-end development that will often require integration with the middleware and backend systems. The candidate should be highly adaptable to changing requirements, cutting-edge technology tools, and tight delivery timelines. The role will include the following major functions/responsibilities:

 Follow good design and development practices  Research, build working prototypes, and recommend development / testing solutions / tools in support of the project / application objectives

 Ensure that code can be tested (unit as well as integration) and adheres to the rules defined in the CI/CD pipeline

 Participate in code reviews and mentor junior developers

**Job Requirements**

What can you bring to TD? It helps if you have:

 8-10 years of software experience – with emphasis on front-end development

 Knowledge of software architecture, functional and object-oriented programming & design principles is a must

** Strong Angular 6/7/8 experience is required**

 Strong **JavaScript** (including ES6 and ES7 features), **TypeScript**, HTML and CSS is required

** Experience with redux, redux-observable is a must**

 Strong knowledge of Webpack and Git  Should have experience integrating UI components with RESTful API's and **GraphQL**  Knowledge of Apollo data graph platform is desired

 Experience with Web Workers and React is a plus

 Practical knowledge about different testing approaches and tools (Unit testing, e2e testing, BDD, TDD)

 Prior work experience with **large data volumes** (millions) and complex data grids (e.g. ag-grid) is a big plus

 Familiarity with Atlassian tools for managing software delivery and prioritization, e.g. Jira or Confluence