



# Risk Modeling at Scale for Financial Portfolios

## About Client

Client is a global risk utility firm delivering customized, comprehensive and intuitive regular risk analytics to its customers across the world.

## Business Case

Our client's Global Risk Utility product processes data from various customers, their accounts, portfolios and calculates daily risk analytics for each one of them. With a rapid business growth, growing customer base, and a recent round of funding, client is looking to move to a web scale IT application with the capacity to grow and change as and when needed

## Implementation Scope

- Application is aimed to build a dashboard for Portfolios risk information.
- Should be able to use pre defined rules to assess the risks
- Near real time data integration should be in place.
- There should be risk alerts and notification mechanism.
- The application should report any data processing errors automatically.
- Some of app's other operational goals:
  1. Easily configurable and customizable.
  2. High performance and scale horizontally automatically based on load.

## Technology Stack

Microsoft Azure Cloud, Kubernetes Cluster (2 Master, 8 Workers), SQL Server, Prometheus, Jenkins, React, Java, Spring Boot

## About Us

Evoke Technologies is an innovative information technology services firm offering world-class software solutions. We are a client-centric and relationship-based company with a focus to provide cost-effective software development and support solutions. We are SEI-CMMI Level 3 appraised, ISO 27001 and 9001 compliant IT enterprise that focuses on quality and delivering business value. Incorporated in the year 2003, Evoke Technologies has been actively helping global corporations to innovate and transform their businesses utilizing IT. Our global delivery and engagement models help us to offer affordable long-term software solutions that meet our client's IT challenges and add business value. We constantly innovate and implement new software methodologies to provide our clients with a superior experience.

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