

Portfolio Recommendation App for US customer

This app does stock data analysis of past ten years and suggests an optimal portfolio for long term wealth creation based on proprietary algorithm. Customer reviews and rebalances portfolio at preset frequency



A user friendly app built using intensive data mining for you to create long term wealth creation portfolio

Challenges

Because of intensive data processing, significant decomposition and recomposition was required for performance through parallel processing

Solution

Stanra as part of our solution developed the product:

- Designed User Interface to achieve a short request and registration process.
- Created Architecture and Design for Backend API's
- Designed infrastructure on AWS for desired response time.
- Implemented backend API's using Java 8 and Spring Boot
- Built a Hybrid Mobile App for Android and iOS using React Native for quick launch and swifter development
- Implemented the complex algorithms with significant parallel processing for performance
- The app right now is launched in closed beta phase

Technology used - MySQL, React Native, Java 8, Spring Boot, AWS EFS, Python

Innovation

Significant decomposition and recomposition of data for parallel processing to meet performance objectives

Benefits

A user friendly cloud based solution with easy to use Mobile app for you to have reliable recommendations for long term wealth creation portfolio

Result Highlights

Parallel Processing of Data for Higher Performance

User-Friendly Cloud-Based Solution

Easy to Use Mobile Application