KUMBER SAI KUMAR

Software Engineer Level 2

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PROFILE

Software Engineer Level-2 with 3+ years of expertise in Java Spring Boot development and full-stack web applications. Specialized in banking domain solutions with proven success in batch processing optimization, system integration, and performance enhancement. Azure-certified professional committed to delivering scalable, secure applications that exceed business requirements and regulatory standards

SKILLS

Backend: Java - Spring Boot - Hibernate - NestJS - RESTful APIs

Frontend: ReactJS - Redux - TypeScript - Material UI - Bootstrap

Database: MySQL - MongoDB - Query Optimization - Data Modeling

Architecture: Microservices - API Design - System Integration

Cloud: Azure (AZ-900) - Docker - CI/CD - DevOps

Domain: Banking Systems - Trade Processing - Enterprise Platforms

CERTIFICATES

- Azure Fundamentals AZ-900
- Oracle Certified Foundations Associate

AWARDS

Rockstar of the Month
Hexaware Technologies
for delivering high-quality functionality within strict deadlines, ensuring minimal cosmetic changes after client testing, and successfully meeting all sprint objectives.

Pinnacle Award,
Hexaware Technologies
Recognized for outstanding contributions, dedication, and teamwork in delivering key business initiatives.

PROFESSIONAL EXPERIENCE

Software Engineer Level -1 & Level-2
07/2023 – present
Project: Trade Processing System(**Banking**)
Technologies Used: Java, Spring Boot, SQL, Hibernate, Batch Processing, Multithreading, Job Scheduling, REST APIs
Responsibilities & Key Contributions:

- Developed and optimized a batch processing module to insert specific trade types, ensuring efficient transaction processing with a commit interval of 100 records.
- Implemented a recovery mechanism to handle system failures (abend) by resuming trade insertion from the last successful commit.
- Designed and implemented logic for Direct Trade Clearing (DTC) trade insertion based on predefined business rules and validation checks.
- Developed a module to fetch and aggregate trade counts (DVP, RVP, CNCL) for the current business date, updating input data for dependent processes.
- Automated holiday-based settlement checks, ensuring trades falling on BTH holidays are deferred to the next business date.
- Designed and scheduled an end-of-day job to synchronize the Main Order Master and Order Master-2 tables, ensuring data consistency.
- Implemented eligibility validation for brokers, restricting trade releases to the market for non-FRB eligible brokers while generating work tickets for reference.

Associate Software Engineer
03/2022 – 07/2023
Project: OEG Rapidx (An SDE Platform)
Technologies Used: NestJS, ReactJS, TypeScript, Yeoman Generator, Spring Boot, OpenAPI, GitHub, CI/CD
Responsibilities & Key Contributions:

- Developed a web application based on business requirements, ensuring scalability and efficiency.
- Generated boilerplate code and CRUD operations using NestJS and Yeoman Generator to streamline development.
- Designed and implemented the frontend and REST APIs for the application, enhancing user experience and performance.
- Integrated authentication mechanisms for web pages using NestJS and React, ensuring secure access.
- Implemented dynamic CRUD operations for MRAs (Micro Reference Architectures) using ReactJS with TypeScript.
- Designed and developed a GitHub push file changes functionality as part of GitHub orchestration to automate version control processes.
- Developed an Entity Designer screen that allows users to import OpenAPI files, define business validations, and establish entity relationships.
- Implemented support for all data types in Spring Boot MRAs within Yeoman-generated code.
- Configured CI/CD pipelines for all MRAs, ensuring seamless deployment and continuous integration.