Channanagouda Aralahalli

Meticulous professional with 4+ years of experience in enterprise application development across several industries, and implementation of web applications using Java, J2EE, SpringBoot, Microservices, React, JavaScript, HTML and CSS technology. Comprehensive understanding of React JS, JavaScript, CSS,and HTML UI technologies. Designed and developed web applications across multiple API's, third-party integrations, and databases.

WORK EXPERIENCE

Eidiko Systems Integrators Pvt Ltd: Software Engineer

● Development experience in various fields like enterprise/web applications, with an earned reputation for meeting deadlines and delivering critical solutions.

● Strong Experience in developing professional web-based applications using Java, J2EE technologies, HTML5, CSS, Bootstrap, JavaScript and ReactJs.

● Expertise in Microservices architecture design, development and backend integration of web applications using Eclipse & Spring Tool Suite, IntelliJ IDEA.

● Experience in developing the REST Services using RestTemplate&Webclient, Scheduling Cron Jobs.

● Leveraged SonarCloud, and Sonar to optimize code quality, distributed tracing, and log analysis, enhancing overall system efficiency and troubleshooting capabilities.

● Comprehensive knowledge in SDLC, worked with Maven and software development Methodologies.

● Excellent client relationship skills and drive to complete tasks effectively.

● A result-oriented professional with good communication, leadership, team management, analytical, and coordination skills.

● Collaborated with cross-functional teams to gather requirements and translate them into scalable software solutions.

CORE COMPETENCIES

Web Technologies	: HTML, CSS, JSX, JavaScript
Languages	: JAVA, JavaScript, ES6
Framework	: SpringBoot, ReactJs
Databases	: Oracle, MySQL, SQL Server
IDE Editor	: Eclipse, Visual Studio Code, SQL Developer, IntelliJ Idea.
API Testing	: Postman, Swagger
Cloud	: Microsoft Azure
Version Controls	: Github, SVN

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PROFESSIONAL EXPERIENCE

Project1: Court Case Management System

Role: Backend
Environment: Java, Spring Boot, JPA, Microservices, CI/CD Azure.
Client: Mashreq Bank

Description: In this project, a court mandate compels the bank to probe a fraudulent customer, necessitating diligent investigation and decisive action. Following the court's directive, the bank thoroughly examines the case, uncovering relevant details. Subsequently, the bank formulates and communicates a comprehensive plan outlining the necessary measures to be taken against the fraudulent customer. The project entails a meticulous adherence to legal procedures and a transparent reporting process back to the court, ensuring accountability and alignment with regulatory requirements.

Roles and Responsibilities:
- Integrated with Business Automation Workflow (BAW) system for streamlined instance management and role transitions.
- Orchestrated scheduled tasks through Cron jobs, configured for daily execution, enhancing automation and efficiency.
- Leveraged Spring Data JPA to implement database calls, optimizing data access and manipulation within the application.
- Implemented file transfers to Electronic Document Management System (EDMS) utilizing Atomic Script, with a built-in Retry Mechanism for fault tolerance.
- Implemented centralized logging using Splunk and maintained code quality and bug-free standards following SonarCloud rules.

Project2: Anti-Money Laundering

Role: Backend
Environment: Java, Spring Boot, JPA, Microservices, CI/CD Azure.
Client: Mashreq Bank

Description: We have developed an application where we receive suspicious transaction alerts from the SAS system for different customers of the bank. For those customers, the backend system gathers all the information from bank core systems like EDMS, FLEX, PRIME, FIRCOSOFT, EKYC, etc. The frontend application is developed using React JS, where users can log in and see all alerted transactions of the customers and the details gathered by the backend. Then users will use data to investigate the transaction. Based on that, they will dismiss the alert, or they can file an STR to the central bank.

Roles and Responsibilities:
- Analyzed and interpreted business requirements to develop Java microservices tailored to the court casemanagement system.
- Implemented RESTful microservices using Spring Boot to integrate with internal and external bank coresystems, facilitating the collection of crucial customer information.

- Integrated with various core systems of the bank to gather customer data.
- Developed a scheduler functionality to automate the retrieval of pertinent information from emails and
- store them in the application database.
- Utilized Splunk for centralized logging to facilitate efficient monitoring and tracking of system activities,ensuring visibility into application behavior and performance metrics.
- Ensured adherence to quality standards and code integrity by following SonarCloud guidelines for bug-free code.
- Responsible for the deployment of microservices on azure through the pipeline.

Project 3: Case Hypothecarie

Role: Backend
Environment: Java, Spring Boot, JDBC, Microservices, Azure.
Client: MCB (Mauritius commercial bank)

Description: This project consists of a single process. The CH project is developed as a Spring Boot microservices-based application for users of MCB Bank. It manages both individual and non-individual customer processes, including loan request investigations and obtaining approvals from multiple involved teams. User roles are dynamically fetched based on Active Directory (AD) groups, enabling role-based access and case request handling within the system.

Roles and Responsibilities:

- Used Dependency Injection feature of Spring framework and hibernate for rapid development and ease of maintenance
- Developed the DAO layer for the application using spring, Hibernate template support
- Designed Generic Exceptions to handle all exception of global throughout the system.

Project 4: Document Capture

Role: Backend
Environment: Java, Spring Boot, JPA, Microservices, Azure.
Client: MCB (Mauritius commercial bank)

Description: This project consists of two sub-projects that communicate with each other. The DC project is developed to manage applications for new and existing customers of MCB Bank. It handles both individual and non-individual customer processes, implemented using Spring Boot technology for building microservices and managing business logic efficiently.

Roles and Responsibilities:

- Integrated with Spring Boot's workflow and scheduling capabilities for streamlined instance management and role transitions.
- Orchestrated scheduled tasks using Cron jobs configured for daily execution, enhancing automation and operational efficiency.

- Leveraged Spring Data JPA to implement database calls, optimizing data access and manipulation within the application.
- Implemented file transfers to the Document Management System using Atomic Script, with a built-in retry mechanism to ensure fault tolerance.
- Established a centralized logging system and maintained high code quality and bug-free standards by adhering to SonarCloud guidelines.

RECOGNITION

- Recognized for innovative problem-solving skills, enhancing project efficiency.

- Acknowledged for effective collaboration with cross-functional teams.

EDUCATION

- Bachelor of Technology from Visvesvaraya Technological University, Belagavi, Karnataka.

- Certification in Java and Web Development from JSpiders, Basavanagudi, Bengaluru.