Yu Tong Janet| ***Software developer***

Information



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**Citi Custody Sebill Team** 2024.07-present Software Developer

* Contributed to backend development, testing, and maintenance of the Sebill system.
* Actively collaborated with cross-functional teams and regional partners (e.g., AMC, Flexcube) to deliver solutions tailored to international branches including Malaysia.
* Participated in architectural discussions and promoted best practices within the team.
* Hosted multiple internal knowledge-sharing sessions on technical initiatives and project retrospectives.
* Delivered a global Malaysia project sharing session for Dev, Ops, UTT team, communicating key implementation details and technical features clearly.
* Acted as release coordinator, collected release info and led team through deployment day, including UI validation.
* Explored and initiated AI-related use cases with the team to optimize operational workflows.

**Citi Custody Sebill Team** 2023.06-2023.08 Software Development Intern

* Contributed to backend development and testing of the internal newsletter template module.
* Assisted in API development and bug fixing, supporting senior developers in debugging and refactoring tasks.

Technical Skills

* **Programming Languages & Frameworks**:
* Master knowledge of Java, including Core Java, Collections, and Multithreading.
* Proficient in Spring Boot, Spring Security, and Spring Cloud.
* Proficient in C# and ASP.NET Core for .NET development.
* Familiar with JavaScript, Angular and fundamental frontend technologies.
* **Message Queues & Caching**:
* Experienced in using message queues like Kafka/RabbitMQ for services communication.
* Familiar with Redis for caching and memory optimization.
* **Databases**
* Proficient in MySQL (transactions, indexing, InnoDB)
* Familiar with SQL Server (stored procedures, query optimization)

Work Experience

**09/2021-04/2024 Shanghai University (SHU) Master of Software Engineering**

**09/2017-06/2021 Jiangsu University (JSU) Bachelor of Internet of Things Engineering**

Education

* **Custody Sebill Application**
* Led the migration of all backend ECS services from .NET 6 to .NET 8, improving system performance and maintainability.
* Refactored logging mechanisms across multiple services to support structured logging and enhance monitoring.
* Developed and maintained backend features and APIs to support Malaysia branch e-Billing needs.
* Collaborated closely with AMC and Flexcube teams to ensure successful system integration and smooth cross-regional deployment.
* Implemented message-driven communication using Kafka and developed SQL Server stored procedures to support business logic.
* Optimized SQL queries in SQL Server to improve data retrieval efficiency and reduce response time.
* Wrote comprehensive unit tests and addressed SonarQube issues to uphold code quality.
* **AI Chatbot for new employee** **Onboarding (Hackathon Project)**
* Collaborated with peers to build a chatbot using LLMs and NLP to parse and respond to employee queries.
* Integrated Confluence knowledge base and backend APIs to enable dynamic and personalized information retrieval.
* **Financial Anomaly Detection (Internal Research)**
* Explored machine learning techniques to detect irregular patterns in financial transaction data.
* Evaluated traditional ML algorithms to support potential use cases in risk or compliance scenarios.
* **Online Education Platform (Personal Project)**
* Designed a microservices-based learning platform using Spring Cloud, Nacos, and Sentinel.
* Implemented user authentication with Spring Security and JWT.
* Applied RabbitMQ for asynchronous communication and MySQL persistent connections for performance.
* Utilized Redis for data caching and applied distributed locks to ensure consistency in concurrent environments.

Projects

Soft Skills

* Fluent in English, capable of clearly articulating ideas in global email communication and virtual meetings
* Hands-on experience with software development lifecycle processes and Agile methodologies
* Strong communication and cross-team collaboration skills
* Analytical thinking and problem-solving mindset
* **Cloud & DevOps:**
* Experience using OpenShift and Lightspeed for deployment and environment management