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

Information



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Soft Skills

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

* Led the upgrade of all backend ECS services from .NET 6 to .NET 8, ensuring system stability and performance improvements.
* Migrated logging mechanisms across multiple backend services to enhance monitoring and debugging capabilities.
* Collaborated closely with cross-functional teams on the Malaysia E-Billing project, contributing to both development and testing phases.(AMC)
* Wrote comprehensive unit tests for both frontend and backend applications to ensure code reliability and maintainability.
* Resolved SonarQube issues in backend services to improve code quality and maintainability.
* Participated in Hackathon, developing a chatbot that leverages Confluence data to train a model assisting new employees onboarding.
* Hosted a tech sharing session on Sebill logging migration to share best logging practices and implementation strategies.
* Conducted a project sharing session on the Malaysia e-Billing project, providing insights into the business and development flow.
* kafka

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

* Help to develop the template module of the news-letter project.
* Assisted in developing backend functionalities and API integrations.
* Supported team members in troubleshooting and debugging application issues.

Education

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

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

Work Experience

* Fluent in English, effectively engaging with global colleagues and stakeholders
* Hands-on experience with software development lifecycle processes and Agile methodologies
* Proven ability to work across teams and coordinate with partners to achieve project success
* Strong problem-solving and analytical skills
* **Malaysia e-Billing System**
* Developed and maintained backend services for an automated electronic billing system.
* Conducted rigorous testing and debugging, ensuring system stability and reliability.
* **Hackathon – AI Chatbot for new employee**
* Implemented NLP techniques to improve chatbot responses and accuracy
* Integrated backend services to fetch and process Confluence knowledge based data.
* **Anomaly** **detection**
* tbd
* **Online Education Platform**
* Independently used the framework of Nacos and Sentinel to achieve microservices configuration, flow management, and resource downgrading.
* Used Spring Security and JWT to verify the user’s identity.
* In order to decouple the software components, RabbitMq is used to provide an asynchronous way of communication between storage servers.
* The persistence connection of MySQL is used to reduce the overhead of reading the data in the course and user database.

Technical Skills

Projects

* **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 data persistence, memory optimization, and cache penetration solutions.
* **Databases**
* Proficient in MySQL, with knowledge of transactions, indexing, and the InnoDB storage engine.
* Familiar with SQL Server, including writing and optimizing stored procedures.
* **Cloud & DevOps:**
* Skilled in managing service instances using OpenShift and Lightspeed.