SHAWN (YISHUN) JIN

(+1)909-667-1372 —— yishun.jin@outlook.com —— https://www.linkedin.com/in/shawn-jin-80071b165/

EDUCATION

University of New South Wales   Sep. 2019 - Dec. 2021
Master of Engineering in Information Technology   **Sydney, Australia**

Zhejiang University, Ningbo Institution of Technology   Sep. 2015 - Jun. 2019
Bachelor of Engineering in Software Engineering   (GPA:3.8+ Top 5%) **Zhejiang, China**

SKILLS

Programming Languages: **Java, Python, C#, Bash, Perl, Typescript, SQL, HTML, Regex**
Development & Tools: **Azure, Spring Boot, .NET, Angular, React, Redis, PostgreSQL, MySQL,**
PowerBI, Microsoft Kusto, Docker, Git, OpenAPI (Swagger), Agile Development (Scrum)

EXPERIENCE

Unified Data Catalog Migration   Jan. 2023 - Now
Microsoft —— SOTELS Data Insight Team   *Suzhou. China*

· Conducted in-depth investigations into **Kusto** table usage and analyzed data to identify trends and patterns. Collaborated with cross-fabric teams to develop and implement solutions for Unified Data Catalog Migration.
· Designed and developed a comprehensive dashboard for tracking the migration process with **Microsoft PowerBI**, enabling the team to monitor progress and identify potential issues in real-time. Ensured the dashboard was user-friendly and accessible to all team members, enhancing transparency and collaboration.
· Created tools to automate the ingestion of sharepoint online excel data sources with **Python**, improving efficiency and accuracy while updating Dashboard.

SOTELS EUDB (EU Data Boundary) Migration   Jan. 2022 - Jan. 2023
Microsoft —— SOTELS EUDB Team   *Suzhou. China*

· Collaborated with other teams to drive standardization and enforcement efforts across M365 to meet European Compliance & Privacy regulations. Implemented and maintained data boundary for M365 services.
· Migrated 20+ **SCOPE** jobs and over **1PB** daily data from the current data lake Gen1 to the new data lake Gen2 and also separated EU data to EU environment.
· Implemented an automation tool using **Python** to generate View files for downstream consumers, resulting in reducing task workload by over 1 hour per task.
· Designed and implemented an ad-hoc one-time data copying feature for the EUDB migration portal using **React** and the **.NET framework**, enabling seamless data transfer between EU and non-EU environments.

Azure DevOps Task Reminder Bot   Aug. 2022
Microsoft Global Hackathon 2022

· Designed and implemented an internal **Teams bot** to remind developers to complete their tasks in Azure DevOps, using technologies such as **.NET Core**, **Microsoft Bot Framework**, and **Microsoft Kusto Storage**.
· Reduced sprint master workload by over 1 hour per sprint through task status collection automation, allowing team leader to focus on more critical tasks.
· This Bot has also been introduced to our team weekly sync-up channel.

HR++ (Human Resource Management System)   Oct. 2018 - May. 2019
Microsoft —— SOTELS EUDB Team   *Suzhou. China*

· Developed a highly customizable HRMS solution for Rococo Ningbo utilizing **Spring framework** for streamlined code, **Angular** and **React** for PC and mobile web front-end, **Docker** and **Jenkins** for containerized management and continuous integration.
· The solution includes various customizable functional modules, such as fuzzy search, hardware integration, and approval workflows. This resulted in a 50% faster approval process and a 25% improvement in search accuracy.
· Independently developed the resume collection system, resume information extraction, and abstracted a unified interface for extension. This resulted in a 90% increase in accuracy and a 50% reduction in processing times.
· Utilized Yeoman tool to generate simple CRUD template code for the system. This streamlined the development process by eliminating the need for repeated copying and pasting, resulting in a 30% increase in productivity and a 20% reduction in development time.