



Summary

- Full stack, Web front-end, desktop client side, mainly focused on the back-end
- Rich experience in the use of Agile Scrum model, familiar with TDD DDD
- Solid understanding of computer fundamentals, such as data structures, operating systems, network protocols, etc.
- Familiar with common encryption algorithms, such as RSA, AES, DES, etc.
- Familiar with Cloud Native, Serverless, used Azure, AWS in projects (such as S3, ECS, FrontCloud, Lambda, OpenSearch, RDS, etc.)
- Fluent in English for technical interviews and office work

Tech Stack

Backend:

- Familiarity with: C#, Golang
- Used: Java, Python, Node.js
- Web framework: Spring boot, Asp.Net Core, Nest.js, Gin, FastAPI
- ORM: EF & Dapper (.Net), MyBatis (Java), gORM (Golang)
- MQ: RabbitMQ, Kafka
- Databases & Caching: Oracle, SQL Server, DB2, PostgreSQL, Redis, Elasticsearch Understanding GraphQL, gRPC

Frontend:

- JavaScript, TypeScript, Webpack, Rxjs, Axios
- Angular, React
- Understanding Hybrid, React Native, .Net MAUI (Blazor)

Experience

Full Stack Engineer - FreyrSolutions Ltd.	2022.01 - Present
Backend Engineer - CMB Network Technology (Shenzhen) Co.	2021.06 - 2021.12
Full Stack Engineer - Manulife Fengguo Hongli Information Technology Service (Chengdu) Co.	2018.12 - 2021.06
Backend Engineer - Chengdu Jiuzhou Electronic Information System Co.	2015.08 - 2018.09

Project Experience

Global Requirements Regulatory

Full-stack Development Engineer - FreyrSolutions

2022.01 - Present

Technology Stack: Angular + Java + .Net Core + Python + AWS + PostgreSQL

Project Description: This project is a big SaaS architecture, different business projects are supported by different branches in different countries, the Chinese branch is involved in projects like Impact, Label360, SpiderBot, so the backend is divided into three different technology stacks, Python, C#, Java, and Angular11 for the front end.

Impact: Project provides IT compliance services to European and U.S. pharmaceutical manufacturers. Net Core 3.1 for the back-end and Angular11 for the front-end. This project belongs to a foreign team, and this project has historical problems, the back-end was implemented by .Net Framework, Net Core for subsequent functions, the front-end started to use Angular.JS, the subsequent version of the new UI using Angular11, I am responsible for part of the business re I am responsible for part of the business restructuring, development, maintenance and integration work.

Spider: This project is an independent project of the Chinese team based on Python, providing automated crawler service to customers, so that customers can use the crawler even if they don't know the technology to crawl the public biopharmaceutical information of the government and the public data of pharmaceutical organizations, and the data is divided into two parts, one part is processed and displayed to customers, and the other part is trained by the machine learning team to integrate and analyze the drug characteristics and policy compliance information. The data is divided into two parts, one is processed and presented to the client, and the other is trained by the machine learning team to integrate and analyze drug properties and policy compliance information to support subsequent functions. This project is a new project starting from 0. In order to integrate the front-end of the project into other projects and keep the framework consistent, we use the front-end framework used by the integrated project - Angular11, the subsequent project is independent, the back-end API uses Fast.API, and the deep learning uses PyTorch.

Label360: This project is based on Java at the back-end and Angular11 at the front-end. It is a customized data documentation system for Abbott, Johnson & Johnson, Pfizer, etc. I was involved in the development and maintenance of some of the requirements at the beginning of the project.

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FTS centralized operation platform localization operating system transformation

Backend Development Engineer - CMBN

Technology stack: Mono + Asp.Net MVC + Winform + Spring Boot + DB2 + JavaScript

Project Description: The centralized operation platform supports the business data processing within China Merchants Bank, FTS is divided into two parts, WebFTS and FTS, WebFTS is an MVC web

application, FTS is a desktop application, which is provided to bank tellers for business processing, FTS has an embedded Browser control to show the specific interface content in WebFTS, which can also be used for business processing. Initially, FTS was implemented in WinForm, Microsoft's initial desktop technology did not support cross-platform, and could only be used on Windows. Considering that there are many similar desktop programs running in the bank for many years, it is a very large project to reconstruct them with Electron or QT, so we try to replace them with Mono plus C++ to rewrite some of the DLLs and controls, if this solution is feasible, we will use this technology to reconstruct other similar systems in CBC.

I am responsible for all the technical modifications of this project, and the final result is satisfactory, and it has been put into production environment, and some branches of China Merchants Bank have started to use it.

MBRun China Merchants Bank Business Forms Migration and Upgrade Backend

Development Engineer - China Merchants Bank Network

Technology stack: Delphi + Winform + WPF + WebApi + Java + DB2

Project Description: CMRun is a platform for the integration of all business forms of China Merchants Bank business branches and internal business, CMRun version 1.0 is implemented in Delphi, CMRun version 2.0 completes the implementation of the desktop interface, CMRun version 3.0 completes the implementation of the Web front-end interface, I participated in the refactoring of version 2.0, in this project I am mainly responsible for The front-end interface is WinForm, and the back-end data is provided by Java interface.

Automation Workflow Distribution(Workflow automatic distribution system)

Full Stack Engineer - Manulife Hongli

Net + SQLServer + Crystal Report + MQ + Java + Oracle + Weblogic

Project Description: AWD is mainly responsible for the distribution of policy data within Manulife, and is described in two parts.

The Hong Kong AWD is divided into two parts, B/S and C/S. The C/S part is responsible for generating reports, documents and other information for each workflow and is developed in VB.

The business logic of Singapore AWD is similar to the same system in Hong Kong, but the technology is independent between the subsidiaries, so the technical choices are different. For the C/S part, the generation of reports and other documents is implemented by Stored Procedure and Oracle Report.

Internal Automation Tools

Full Stack Engineer - Manulife Hongli

Technology stack: WPF + C# + Spring Boot + Angular + SQLite

Project Description: Internal automation tool, mainly developed two tools.

C/S automation tool developed in WPF, with the following functions: automatic reading of DDL DML script content to generate documents, automatic reading of Log content to send emails to relevant people, automatic reading of database information to generate PDF, string lookup tool (can set multi-conditional, iso-or/non-relationship), etc.

In-house automatic code deployment tool to facilitate developers' code deployment and improve efficiency. Spring Boot for backend, Angular for frontend, SQLite for database.

Education

Chengdu Information Engineering University

2011.09 - 2015.07

Bachelor's Degree School of Computer and Network Security - Information Security Technology