Sam Liu

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in LINKEDIN **○ GITHUB**

Education

2019.07 - 2020.12

Master of Information Technology; The University of Sydney

2014.09 - 2018.06

Bachelor of Computer Science and Technology; Guangdong University of Foreign Studies

Experience

2022.07 - Present

Resmed.Inc; Cloud Software Engineer

- Maintain and contribute features to legacy system **Airview Web**

- Contributed significantly to the design and implementation of the architecture for the next-generation application, which involved using **micro frontends** with **Angular/React**.

- Managed **AWS** using Terraform and use **Jenkins/Github Action** to build pipeline.

- Implement **i18n framework** and the translation can be shared with different micro frontend appplication.

- Implement of Release Pipeline for project deployment in **Kubernetes** with **Github Action**, **Helm**, **Kustomize**.

- Take charge of the organization experience service api development with **Java 17**, **SpringBoot 3.2**, **Spring Weflux**

- Implement the **authentication** solution with **Spring Security**

2021.08 - 2022.07
      Vnet Solutions Pty Ltd; Java Developer

- Highly involved in developing the Full Stack Inventory Management System using **Spring Boot**, **Java 8**, **Quartz**, **Hibernate (Spring-Data-JPA)**, **Redis**, **Spring Batch**, and **POI Helper**

- Successfully completed new requirements, including Inventory Adjustment, Item Feed, and Sales Inventory Data populating

- Worked extensively on the Front-End project, which was developed using **Angular 2.0** and **AG-Grid**

- Rotated as a **Level 3 support** role, providing **technical services** to the Business team and managing deployment in both PRD and UAT environments

2020.11 - 2021.07
      Articulate Pty Ltd; Backend Developer

- Highly involved in the frontend and backend development of a back-office project. Developed features such as **activity configuration**, **gift configuration** and **role limitations**. Used React hooks to improve performance for the frontend and Laravel was used to develop REST APIs and Target Backoffice.

- Took charge of the new CRM system with **Vue**, **Srpingboot**, **Mybatis Plus**, **Element Admin**, **PostgreSQL**. as a full stack developer. Used Cache technology to reduce the pressure of the

high quantity requests.

- Constructed **ElasticSearch** + **Logstash** + **Filebeat** + **Kibana** Platform System for Log collection and data analysis.

Technical Background

Programming Languages/Skill

Backend Lang/Framework

- **Java**
  - Spring framework, Spring Boot, SpringMVC, Spring Cloud, Eureka, Srping Data JPA
- **JavaScript/TypeScript**
  - Express
- **Python**
  - Flask, Django
- **Go**
  - Gin, Beego

Frontend Lang/Framework

- **JavaScript/TypeScript**
  - React, Next.js, Vue, Angular
- **Html/CSS**
  - tailwindcss, material UI, Ant Design, SASS

DevOps Tool Chain

- **CI/CD**
  - Jenkins, Github Action, Cloud Build(GCP), Terraform
- **kubernetes**
  - Helmchart, Kustomize, Docker

DataBase

- **Relationship Database**
  - Mysql, SqlServer, PostgreSql

- **NoSql**
  - Monogo, Elasticsearch

Cloud Service

- **AWS**
  - ECS, EC2, RDS, OpenSearch, Cloudwatch, ECR, Code Commit, etc
- **Google Cloud**
  - Cloud Run, Artifact Registry, Container Registry, Cloud Build, Source Repositories, etc

Languages Skill & Certificate

- **Languages Skill**
  - Cantonese
  - Manderine
  - English
- **Certificate**
  - AWS Certified Solutions Architect – Professional
    - ID **RCX8CEXKZN1Q1PCD**
  - CKA: Certified Kubernetes Administrator
    - ID **LF-pe7v4wzvys**
  - Project Management Professional (PMP)®
    - ID **3366543**
  - Google Cloud Certified Professional Cloud Architect
    - ID **157522-21-2023-11-18**
  - Microsoft Certified: Azure AI Fundamentals

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