

Sam Liu

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📍 Wentworth Point, NSW 2127, Sydney



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 application.
- 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**
- Legacy project migration from Bitbucket to Github, including CI/CD from **Jenkins** to **GitOps**
- Performance optimization for Frontend/Backend Project. (React / Java Springboot)

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**, **Springboot**, **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, Spring 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
 - CKA: Certified Kubernetes Administrator
 - Project Management Professional (PMP)®
 - Google Cloud Certified Professional Cloud Architect
 - Microsoft Certified: Azure AI Fundamentals

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