

CHIEW JING CHENG

Cloud Engineer | Cloud Architect | Cloud Integration Specialist | Full Stack Development
Bachelor of Computer Science (Hons)



ABOUT

Certified cloud professional with experience across AWS, OCI, GCP, and Alibaba Cloud, specializing in cloud integration, automation, and application security. Proficient in Oracle Integration Cloud (OIC) for enterprise consulting projects, alongside expertise in ETL pipelines, data workflows, and API-driven integrations. Currently involved in hands-on maturation of Alibaba Cloud Landing Zone based on AWS Landing Zone architecture and Well-Architected Framework principles, including testing and validating new cloud services and participating in cloud service onboarding and governance reviews with internal IT teams to ensure security and compliance standards. Strong background in full-stack development and DevOps, with proven ability to deliver cloud-native and enterprise solutions across financial and global industries.

PERSONAL PARTICULARS

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EDUCATION BACKGROUND

Universiti Tunku Abdul Rahman (UTAR)	
University (2020 – 2023)	Major: : Bachelor of Computer Science (Hons)
	CGPA : 3.5/4.0
	Award : Dean's List Award on (01/2020, 10/2020, 01/2023)

WORKING EXPERIENCE

Cloud Engineer

Jan 2026 – Present

PPG

- Supporting the maturation of **Alibaba Cloud Landing Zone** based on existing AWS Landing Zone architecture and **Well-Architected Framework** principles.
- Involved in **enterprise networking** initiatives covering **Express Connect, Transit Router, Shared VPC, Hub-and-Spoke architecture, DMZ, and GWLB** integration.
- Supporting **cloud governance and security baseline** implementation through **Cloud Governance Center Guardrails, CSPM, and Control Policies**.
- Assisting in **account management** and access governance using **Resource Directory, CloudSSO, and RAM**.

- Contributing to **centralized logging, auditing, and cost governance** initiatives using ActionTrail, SLS, and resource tagging strategies.
- Collaborating with internal IT teams in **cloud service onboarding and governance reviews** to ensure Alibaba Cloud services align with enterprise security, compliance, and operational standards.
- Acted as a member of the **Cloud Center of Excellence (CCoE)**, contributing to cloud architecture standards, governance frameworks, landing zone best practices, and cloud adoption initiatives across the organization.

Senior Technology Analyst

Jul 2023 – Jan 2026

Deloitte

Oracle Cloud Implementation with Fusion Application:

- Designed and developed **inbound and outbound integrations** for AP, AR, GL, HCM, and Procurement modules using **Oracle Integration Cloud**, supporting both a leading bank in Malaysia and a global supply chain enterprise.
- Developed **BI Publisher (BIP) reports** and **ESS jobs** in Oracle Cloud Fusion, integrated with SOAP web services, and invoked ESS jobs in OIC.
- Hands-on experience with **OCI services**, including Object Storage, Key Vault, IAM Policies, Oracle ATP, OCI Audit, and Service Logging, Cloud Guard.
- Configured **encryption and decryption** mechanisms using **OCI Vault**.
- Experienced in implementing **advanced authentication methods** such as **JWT**, **SSO (SAML 2.0)**, **OAuth** and **OCI Signature Authentication** for Oracle Cloud Infrastructure / Fusion Applications.
- Led **SIT (System Integration Testing) meetings** and supported **UAT (User Acceptance Testing)** sessions with clients and functional teams.

AWS Cloud ETL Implementation:

- **Developed** and **deployed** ETL scripts (Python) on **AWS Glue** with dynamic parameterization.
- Integrated **data pipelines with cloud storage (Amazon S3)** and automated job handling.
- Supported file versioning, error recovery, and directory-based configuration for reporting systems.
- Earned **AWS Certified Solutions Architect & Developer – Associate** certifications.

Web Developer Intern

Oct 2021 – Jan 2022

Finexus Group Sdn Bhd

- Major in **Front-End Development**
- Converted legacy applications from **JQuery** to **ReactJS**, enhancing overall development process.
- Troubleshooted bugs and developed new functions for **logic operations**, contributing to the improvement of application functionalities.
- Demonstrated effective **communication with backend Spring MVC** through **request mapping**.
- Utilized **JDBC** for efficient **communication and retrieval of database** data within the Java Spring Framework.
- Skills Obtained: ReactJS, JQuery, SpringMVC, MySQL, RESTAPI

PROJECTS

AI appointment Application

Present

Application Link

- Supported automation workflows with **n8n**, applying logic to connect services and streamline processes.
- Built **Flutter** frontend and **Supabase** backend (database, auth, edge functions, storage) to deliver secure and scalable applications.
- Integrated Google **OAuth** and managed **JWT-based authorization (Supabase Auth)** across Node.js microservices.
- Developed **BullMQ job message queues** to handle distributed workloads and improve processing efficiency.
- Built **WhatsApp backend services** for automated replies and integrated them with workflow automation.
- Implemented **job management** logic to automate tasks such as import blasts and follow-up processes, reducing manual effort.
- Orchestrated a containerized, full-stack application & microservices on **Ubuntu servers self-hosted K3s Kubernetes cluster**, secured with **Cloudflare Zero Trust** for controlled public access.
- Engineered a High-Availability (HA) database architecture using **CloudNativePG**, implementing Write-Ahead Logging (WAL) and automated backup workflows to maintain data integrity for the **Supabase** ecosystem.

Skills Obtained: Flutter, Supabase (DB, Edge Functions, Auth, Cloud Storage), Node.js, BullMQ, n8n (Workflow Logic), WhatsApp API Integration, Google OAuth 2.0, JWT Authorization, Docker, Ubuntu Server, Cloudflare Zero Trust, REST API,Kubernetes, self-hosted K3s, Cloudnativepg with Supabase

Degree Final Year Project

2023

Deep Learning Inference on Edge Device: Traffic Violation Detection Using OpenVino

- Scope
- :
1. **Analysed** the **performance** enhancement introduced by **OpenVino**

2. **Configured** OpenVino-Optimized **Traffic Violation Application** using pre-trained deep learning Models

3. **Deployed** the application on an Intel UP Board **edge device**
- Skill Coverage:
- ✓ **AI Related:** **OpenVino**, Tensorflow, Pytorch, ONNX

✓ **Others:** Python, Ubuntu Linux

PROFESSIONAL ACHIEVEMENTS (CERTIFICATIONS AS SHOWN BELOW:)

Google Cloud Digital Leader	2023–2026
Google Cloud Professional Cloud Architect Certification	OCT 2025 – OCT 2027
Oracle Cloud Infrastructure 2024 Certified Application Integration Professional	DEC 2024 – DEC 2026
AWS Certified Cloud Practitioner	2022 – 2025
AWS Certified Solution Architect – Associate	DEC 2024 – DEC 2027
AWS Certified Developer– Associate	JUL 2025 – JUL 2028
Alibaba Cloud Associate – Cloud Computing Certification	2022 – 2024
Alibaba Cloud Professional – Cloud Computing Certification	2022– 2024
Alibaba Cloud Associate – Database Certification	2022–2024
Microsoft Certified: Power Platform Fundamental	–
Katalon Expert Level Certification	2023–2025

TECHNICAL SKILLS

Cloud / DevOps	AWS Cloud, Alibaba Cloud, Oracle Cloud (OCI & OIC), Google Cloud (GCP), Cloud Well-Architected Framework, Cloud Networking , Cloud Security Guardrail , Supabase Cloud, Cloudflare, Git&GitHub, Docker, Kubernetes, k3s
Language	C++, Python, Java, Dart, JavaScript, SQL, Oracle PL/SQL, Bash
Framework	Flutter, ReactJs, Nextjs, NodeJS with ExpressJS, FastAPI, jQuery, SpringMVC
Database	Oracle Database, MongoDB, MySQL, Postgres DB (Supabase), CloudNativePG with Supabase
Other	Full Stack Web Development , JWT Security Authentication, Basic Linux Administration , Ubuntu server & Network Configuration, Bash Scripting, Vim editor, REST / SOAP API, Report BI Publisher, Oracle Fusion Application

*** Visit my [LinkedIn Profile](#) or [GitHub](#) Profile for more details or my experienced & Certificates***