Wong Kam Cheong Alick

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Enterprise Architect

Extensive Solution Architecture experience for Telecom Operators, Financial Institutions and Government with in-depth knowledge in multiple programming languages including Java, Python, C++ and JavaScript.

Passionate about technology and innovation and have won the Innovation Award from Alibaba Cloud Global AI Innovation Challenge 2020.

Fluent in Agile and DevOps technologies for a complete end-to-end software life cycle that spanned across requirement analysis, design, build, testing and deployment.

EXPERIENCE

Pegacode — *Enterprise Architect (2018 – Present)*

Designed and implemented cloud native application frameworks using Python and Java for IoT and Finance industry. Managed cloud based architecture for hosting application development and production environments.

- ❏ Application Development - Recent application frameworks developed include an anti-counterfeit solution for the IoT space and a machine learning model for Forex trend prediction .
- ❏ Cloud Architecture – AliCloud was chosen to host the application servers and databases with an architecture to provide scalability, reliability and security.

Oracle — *Solution Architect (2004 – 2018)*

Designed and developed integration framework for B/OSS products in the cloud and on-premise. Created automated deployment framework for B/OSS applications based on modern CI/CD technologies as part of the integrated product offerings. Provided best practice guidelines and expert services for customer implementations.

- ❏ Utilized a cloud based integration platform (ICS) and invoking both SOAP and REST services wherever required to pre-integrate the Oracle cloud and on-prem products for customer buy-in and faster deployment.
- ❏ Engaged in the development of an automated deployment platform leveraging Kubernetes technology with Jenkins and Ansible for the key applications in Oracle Communications.
- ❏ Provided expert services to customers and partners for engaging in complex production issues such as performance tuning.
- ❏ Published and maintained best practice guidelines on solution architecture, performance tuning and deployment checklist for optimal enterprise solution design and health checks.

Portal Software — *Principal Technical Consultant (2000 – 2004)*

Key principal technical consultant in the APAC region to support proof of concepts, demo and solution design for B/OSS systems written in C++ and Java.

Hong Kong Police — *Contract Systems Analyst (1995 – 2000)*

Designed and implemented an integration solution with single sign-on and end-to-end encryption for HKP applications.

Chase Manhattan Bank — *Senior Systems Analyst (1989 – 1995)*

Designed and implemented a FX Margin system implemented in IBM mainframe in Hong Kong and Sun Solaris in New York.

SOFTWARE SKILLS

- ❏ Programming Languages: Java, Python, Java Scripts, C/C++, Solidity
- ❏ Web Services, SOAP and REST APIs, XML, JSON
- ❏ Databases: Oracle, Mysql, SQL, MongoDB, Sybase, Natural/ADABAS
- ❏ Development Tools: Eclipse, JDeveloper, MS Visual Studio, Jupyter Notebook
- ❏ Project Management: Agile, Jira, Scrum
- ❏ DevOps: Kubernetes, Docker, Ansible, Jenkins
- ❏ Middleware: Oracle ICS and SOA Suite, WebLogic, Tomcat
- ❏ Cloud Platform: Alicloud, Oracle Cloud, AWS
- ❏ Operating Systems: UNIX (Solaris, Linux, and other), MS Windows

EDUCATION

HKUST, Hong Kong — *Master of Telecommunications (2007)*

BYU, USA — *Bachelor of Electrical Engineering-Computer (1988)*

CERTIFICATION

- ❏ Alibaba Cloud Certified Professional - Cloud Computing

AWARD

- ❏ Alibaba Cloud Innovation Award - Global AI Innovation Challenge (2020)

LANGUAGES

- ❏ English, Chinese (Cantonese/Putonghua)