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Wong Kam Cheong Alick

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, Hong Kong — *Enterprise Architect*

Sep 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, Hong Kong— *Solution Architect*

Sep 2004 – Aug 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, BRM, OSM, AIA, PDH, CPQ, Commerce, Marketing, Sales, Siebel CRM etc. 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. The platform helped to simplify the deployment of Oracle applications on Oracle Cloud for development, testing and production.
- ❏ Provided expert services to customers and partners for engaging in issues not easily resolved in the field especially around performance tuning issues that require a good understanding of multiple products and storage solutions working in an heterogeneous environment. The service provided to 2Degrees help reduce the end-to-end mobile order completion time from over a minute to an average of less than 20 seconds with a throughput of over 5000 orders/hr. Another service provided to Korea Telecom (KT) helped them redesign the migration strategy to reduce the time from over 48 hours to within 12 hours for migrating 40 million customers from their legacy environment to Oracle Billing and Revenue Management (BRM).
- ❏ Regularly published and maintained best practice guidelines on solution architecture, performance tuning and deployment checklist for optimal enterprise solution design and health checks.

Portal Software, Hong Kong — *Principal Sales Consultant*

Jan 2000 - Apr 2004

Key principal sales 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, Hong Kong — *Contract System Architect*

Dec 1995 - Jan 2000

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

Chase Manhattan Bank, Hong Kong — *Senior Systems Analyst*

Dec 1989 - Nov 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*

Brigham Young University, USA — *Bachelor of Electrical Engineering (Computer)*

Certification

- ❏ Alibaba Cloud Certified Professional - Cloud Computing

Award

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

Languages

- ❏ English, Chinese (Cantonese/Putonghua)