

Name of the Project Team Member	Cheng Pak Kei, Cyrus	
Academic Qualification	Middlesex University Bachelor of Science with Honors in Computer Network	2006 - 2007
Qualification	AWS Certified Developer - Associate AWS Certified Solutions Architect - Associate AWS Certified SysOps Administrator - Associate AWS Certified Solutions Architect - Professional AWS Certified DevOps Engineer Professional Information Technology Infrastructure Library (ITIL)	
Total Number of Years of IT Experience	Over 15 years IT experience in Infrastructure Design Over 4 years AWS Cloud Deployment experience Over 2 years DevOps Implementation experience	No. of Years > 15 years
Project Experience	Company Name: Hospital Authority	5 months
	Project Duration: Jul 2020 - Now Role in the Project Team: Chief Solution Architect – Project and Technical Lead	
	Project Description: <ul style="list-style-type: none"> <li>- Design and Implement the system structure for a serverless application</li> <li>- Designed the Gitlab CI/CD flow for the application</li> <li>- Develop the CloudFormation template for automated environment deployment</li> <li>- Optimize application design with Cloud service integration</li> <li>- AWS Serverless Infrastructure &amp; network design</li> </ul> Skills Applied: IAM, AWS CloudFront, Lambda, S3 object storage, SNS, SES, VPC, Security Group, ACL, etc.	
Project Experience	Company Name: Property Development	5 Months

Name of the Project Team Member	Cheng Pak Kei, Cyrus	
	Project Duration: Jun 2020 – Nov 2020 Role in the Project Team: Chief Solution Architect – Project and Technical Lead	
	Project Description: <ul style="list-style-type: none"> <li>- Azure Cloud Infrastructure Decommission</li> <li>- Project Management Plan</li> <li>- Cloud Usage and cost optimization</li> <li>- Application, Web, and Database migration plan</li> <li>- AWS Infrastructure Design</li> <li>- Network Security and Connectivity Plan</li> </ul> Skills Applied: Microsoft Azure, AWS Cloud, IIS, MS SQL, VPN and Network Routing, Firewall ACL, Security, CDN	
Project Experience	Company Name: Media Industry	6 Months
	Project Duration: Jul 2020 – Now Role in the Project Team: Chief Solution Architect – Project and Technical Lead	
	Project Description: <ul style="list-style-type: none"> <li>- AWS Container base (ECS) Infrastructure design</li> <li>- CI/CD Application deployment flow</li> <li>- Media Architecture design for streaming and transcode</li> <li>- DRM and HLS encryption design and recommendation</li> <li>- Development Integration with Cloud Infrastructure</li> </ul> Skills Applied: AWS Media, Code Pipeline, ECS, CDN, DRM Solution, video and audio streaming protocol	
Project Experience	Company Name: Property Development	2 Months

Name of the Project Team Member	Cheng Pak Kei, Cyrus	
	Project Duration: Nov 2020 – Dec 2020 Role in the Project Team: Chief Solution Architect – Project and Technical Lead	
	Project Description: <ul style="list-style-type: none"> <li>- Email Server Upgrade Project (Exchange 2010 to 2016)</li> <li>- Project Management Plan</li> <li>- Co-exist Exchange infrastructure Implementation</li> <li>- User experience Management during migration</li> <li>- High Availability Infrastructure design</li> <li>- Public Certificate and Domain Registration</li> <li>- Total 800 users</li> </ul> Skills Applied: Microsoft Active Directory, Exchange, Public DNS and Certificate, Project Management	
Project Experience	Company Name: Property Development	1 Month
	Project Duration: Oct 2020 – Nov 2020 Role in the Project Team: Chief Solution Architect – Project and Technical Lead	
	Project Description: <ul style="list-style-type: none"> <li>- Infrastructure Event Management</li> <li>- Application Performance Review</li> <li>- Stress Test per defined scenario</li> <li>- Suggestion of Application fine tune during stress test</li> <li>- Reports and Recommendation</li> </ul> Skills Applied: JMeter, IIS, ASP.net, MS SQL, Imperva WAF, AWS Cloud Service, e.g. Scaling, Cloud Watch, RDS	

Name of the Project Team Member	Cheng Pak Kei, Cyrus	
Project Experience	Company Name: High-end collectible brand	3 months
	Project Duration: Jun 2020 – Aug 2020 Role in the Project Team: Chief Solution Architect – Project and Technical Lead	
	Project Description: <ul style="list-style-type: none"> <li>- Providing highly scalable infrastructure design for over 10K user access instantly</li> <li>- Best Security Design with Web Vulnerability Scan</li> <li>- Encryption in transit and at rest for HTTPS, S3 and Database</li> <li>- Content Delivery Network and Cloud edge computing integration</li> <li>- Infrastructure Management, Stress Test, and review cloud soft limit</li> </ul> Skills Applied: IAM, AWS CloudFront, Lambda, S3 object storage, SNS, SES, VPC, Security Group, ACL, Cloud Watch, Event Driven Scaling and Alert, etc.	
Project Experience	Company Name: Hotel	2 months
	Project Duration: Feb 2020 – Mar 2020 Role in the Project Team: Chief Solution Architect – Project and Technical Lead	
	Project Description: <ul style="list-style-type: none"> <li>- Proof-of-Concept service and requirement collection</li> <li>- Work with Data science team to design a Data Lake flow in AWS Infrastructure</li> <li>- Data source is MS SQL database from staging server</li> <li>- Use AWS Database migration service and transfer to parquet format</li> <li>- AWS Glue for data Catalog</li> <li>- S3 as raw and processed data storage</li> </ul>	

Name of the Project Team Member	Cheng Pak Kei, Cyrus	
	<ul style="list-style-type: none"> <li>- Query parquet Data by AWS Athena for data preparation and analysis</li> <li>- Tableau integration with Athena using JDBC Driver for Data Visualization</li> </ul> <p>Skills Applied:</p> <p>AWS Data Migration Service, S3, AWS Glue, AWS Athena, Event driven Lambda function, SNS Notification</p>	
Project Experience	Company Name: Sun Hung Kai	1 month
	Project Duration: Jul 2019 – Jul 2019 Role in the Project Team: Trainer	
	<p>Project Description:</p> <ul style="list-style-type: none"> <li>- Tailor make Cloud enablement Training for Groups IT, including all subsidiary</li> <li>- AWS Cloud Billing and Cost Optimization</li> <li>- AWS infrastructure design and case study</li> <li>- AWS Monitoring, Availability and Network Security</li> <li>- AWS Container (ECS) and Kubernetes (EKS) Technical Sharing</li> </ul> <p>Skills Applied:</p> <p>AWS Billing, Best Practice, Container Technology</p>	
Project Experience	Company Name: I-Consulting Group	3 months
	Project Duration: Jul 2019 – Sep 2019 Role in the Project Team: Project Manager	
	<p>Project Description:</p> <ul style="list-style-type: none"> <li>- AWS MSP Audit 3.2 competency renewal</li> <li>- Review overall company operation to meet the audit requirement</li> <li>- Policy and Document preparation</li> <li>- Internal Team Collaboration and resource management</li> <li>- MSP Audit 3.2 audit interview</li> <li>- Result: Passed with full mark</li> </ul>	

Name of the Project Team Member	Cheng Pak Kei, Cyrus	
	Skills Applied: Project Management, AWS MSP Competency	
Project Experience	Company Name: Yue Hwa Chinese Products Emporium Limited	5 months
	Project Duration: May 2019 – Sep 2019 Role in the Project Team: Chief Solution Architect – Project and Technical Lead	
	Project Description: <ul style="list-style-type: none"> <li>- Membership Mobile Application Development</li> <li>- Serverless infrastructure design that reduce their on-going operation cost</li> <li>- Serverless framework adoption for application deployment</li> <li>- Use Lambda as backend process compute</li> <li>- Application and Infrastructure Integration between AWS and Azure</li> <li>- Wireframe and Prototype Design, App supports both Android &amp; IOS</li> <li>- CI/CD Pipeline design to enhance application development lifecycle</li> </ul> Skills Applied: AWS CloudFront, API Gateway, Cognito, Lambda, S3, VPN, SNS, CloudFormation, CodeCommit, CodePipeline and etc.	
Project Experience	Company Name: Shangri-la	6 months
	Project Duration: Mar 2018 – Sep 2018 Role in the Project Team: Chief Solution Architect – Project and Technical Lead	
	Project Description: <ul style="list-style-type: none"> <li>- Wu Han Shangri-la new office setup for 200 Users</li> <li>- Remote and On-site Project Management</li> </ul>	

Name of the Project Team Member	Cheng Pak Kei, Cyrus	
	<ul style="list-style-type: none"> <li>- Infrastructure and Networking Design</li> <li>- User PC and Monitor setup for 200 Users</li> <li>- MS Active Directory and VMware Horizon View Setup</li> <li>- VMware Horizon View Setup and Pure Storage Configuration</li> </ul> <p>Skills Applied:</p> <ul style="list-style-type: none"> <li>- Project Management, MS Active Directory, Pure Storage, VMware Horizon View</li> </ul>	
Project Experience	Company Name: TVB Limited	12 months
	Project Duration: Mar 2017 to Feb 2018 Role in the Project Team: Project Manager & Implementation	
	<p>Project Description:</p> <ul style="list-style-type: none"> <li>- Wowza, Elemental &amp; API server implementation for Live Stream</li> <li>- Stress Test Plan for 100K Concurrent user connection</li> <li>- Plan, Design and fine tune AWS infrastructure to support large scale user</li> <li>- Plan for Autoscaling, Failover and Resilience test plan</li> <li>- Security Review and Web Application Firewall implementation</li> <li>- Work with AWS IEM Support, Software Vendor and Client for mobile app deployment</li> <li>- DevOps work flow for patch deployment</li> </ul> <p>Skills Applied:</p> <p>AWS ALB, Nginx, Imperva WAF, S3, Lambda, EC2 Auto Scaling, CloudFront, Live &amp; VOD Streaming, RDS, Blue-Green patch deployment.</p>	
Project Experience	Company Name: UO Group (Macau)	9 months

Name of the Project Team Member	Cheng Pak Kei, Cyrus	
	Project Duration: Apr 2017 to Dec 2017 Role in the Project Team: Project Manager & Implementation	
	Project Description: <ul style="list-style-type: none"> <li>- On-Premise Infrastructure Revamp and Migrate to Cloud Project</li> <li>- Implement Juniper SRX, Juniper Core Switch, Brocade Edge Switch and Ruckus Wi-Fi @ ZH and Macau Office</li> <li>- VMware infrastructure migration with Cisco UCS, Pure Storage @ Macau CTM Datacenter</li> <li>- VM migration from PCCW Cloud to AWS Cloud</li> </ul> Skill Applied: Juniper Network, Cisco UCS, Pure Storage, MS Active Directory, Exchange, AWS Cloud	
Project Experience	Company: SFC	6 months
	Project Duration: Jan 2014 to Jun 2014 Role in the Project Team: Technical Lead	
	Project Description: <ul style="list-style-type: none"> <li>- Migration Proof-of-Concept</li> <li>- Handle all Technical issue</li> <li>- 800 mail boxes migration</li> <li>- Internal Root Certificate Server Revamp</li> <li>- Exchange 2013 upgrade with F5 LTM integration</li> <li>- Symantec Enterprise Vault 7.5 to 10 upgrade</li> <li>- Exchange 2013 and EV High Availability and DR implementation</li> <li>- Exchange and EV - High Availability and Disaster Recovery Drill Test</li> </ul> Product Involved: Symantec Enterprise Vault, Active Directory, MS Exchange, Certificate CA Server, F5 LTM Load balancer	



Name of the Project Team Member	Cheng Pak Kei, Cyrus	
Project Experience	Company Name: Hsin Chong Group	10 months
	Project Duration: Apr 2012 – Jan 2013 Role in the Project Team: Implementation, User Training	
	Project Description: <ul style="list-style-type: none"> <li>- SAN Storage Infrastructure and Network Design</li> <li>- HP EVA installation</li> <li>- HP Replication Solution Manager Installation</li> <li>- Compile RMS and Backup script for volume snapshot and Backup integration</li> <li>- User Training</li> <li>- Deployment, Operation and Configuration Documentation</li> </ul>	
	Product Involved: HP EVA Storage	
Project Experience	Company Name: CLP	9 Months
	Project Duration: Aug 2010 – Apr 2011 Role in the Project Team: System Engineer	
	Project Description: <ul style="list-style-type: none"> <li>- Study Internal Network Routing and Policy</li> <li>- High Available infrastructure and Network Design</li> <li>- Replace multi-sites internal firewall by MS TMG</li> <li>- Enable role base control ACL</li> <li>- Network Monitor System Setup</li> <li>- No downtime during the switch replacement</li> <li>- Minimize down time during replacement</li> </ul>	
	Product Involved: Networking, MS Active Directory, MS TMG Firewall	
Project Experience	Company Name: Li - & Fung	1 year, 1 month
	Project Duration: Jan 2006 – Jan 2007	

Name of the Project Team Member	Cheng Pak Kei, Cyrus	
	Role in the Project Team: System Engineer	
	Project Description: <ul style="list-style-type: none"> <li>- Network Infrastructure Revamp</li> <li>- Re-structure network as high resilience topology</li> <li>- Re-assign STP priority to all Switch</li> <li>- Review and fine tune network routing</li> <li>- Network Monitor System Setup</li> <li>- No downtime during the switch replacement</li> </ul> Product Involved: Cisco, Dell, H3C Switch, 3COM Switch, Cacti network monitor	
Project Experience	Company Name: Li - & Fung	1 year
	Project Duration: Jan 2005 to Dec 2005 Role in the Project Team: System Engineer	
	Project Description: <ul style="list-style-type: none"> <li>- Circle-k Store POS system replacement</li> <li>- Collaborate with store manager and headquarter IT for scheduling and preparation</li> <li>- POS Systems Inventory and stock take</li> <li>- Upload Store POS Database to backend system</li> <li>- Networking Support</li> <li>- Hardware Maintenance and Delivery</li> </ul> Skill Applied: <ul style="list-style-type: none"> <li>- MS SQL, Networking, Project Management</li> </ul>	