

Wong Ka Chung, Martin

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SUMMARY

- Passionate Candidate graduated with **First Class Honours**, work exposure in **Multinational Corporation**
- Familiar with full **software development life cycle** with experience in **Backend** Development and **DevOps**
- **Legally entitled to work in Canada**, No work permit sponsorship is required

WORK EXPERIENCE

Societe Generale

2021.09 - Present

Software Engineer, Analyst | Compliance IT, GBSU/RPM/CPL

Technology Stack: Java, Spring Boot, JPA, Swagger, Python, Flask, MSSQL, Postgresql, React, Bootstrap

- Delivered and maintained robust digitalization projects managed by **Version Control** and **Agile Methodology**
- Responsible for resolving **major incidents** that block the operation of user-facing services in a timely manner
- Extended existing frontend with new functionalities and prepared **proof-of-concepts** using modern web frameworks
- Provided **application support** on data extract requests, system upgrades, key feature enhancements and rollout
- Collaborated with teams to conduct **UAT**, **requirement gathering**, data validation, and present technical proposals
- Hosted **application onboarding**, technical sharing and hands-on training sessions to share knowledge and insights

Macroview Telecom Limited

2020.09 - 2021.04

System Engineer Trainee (Part Time) | Managed Digital Services

Technology Stack: Automation (Ansible, AWX, Jira), Data Visualization (Logstash, Elasticsearch, Grafana)

- Facilitated 4+ **automation** solutions for backup, **service monitoring**, report generation, resource provisioning, etc
- Constructed **data flow pipelines** to gather and transfer operating status and system metrics from applications
- Built performance **visualization dashboards** and configured alert rules which automatically trigger notifications

PROJECT EXPERIENCE

HideNSeek (github.com/kcwong395/HideNSeek)

- Developed steganography tool powered by **React**, **Flask** to hide and extract data in images with **unit testing**
- Established **CircleCi pipeline**, docker images and deployed app as SaaS on **Azure Cloud** using **Terraform**

Straggler Mitigation in Distributed Computing (Final Year Project)

- Eliminated stragglers effect in computing by providing **node redundancy** using encoding with **8% time overhead**
- Set up systems supported by **Vue.js**, **Spring Boot** for computing node management and task operation monitoring

EDUCATION

City University of Hong Kong (4-Year Degree Programme)

2017.09 - 2021.10

Information Engineering | Bachelor of Engineering (Hons)

- GPA: 3.83 / 4.30 (**First Class Honours**, WES Evaluation: 3.88 / 4.0, Rank: 4 / 88)

OTHER SKILLS AND QUALIFICATIONS

- **Backend**: Java, Spring Boot, Spring Security, JPA, Swagger, JUnit, Maven, Python, Flask, RabbitMQ
- **Frontend**: React, Next.js, Vue.js, Typescript, RESTful APIs, Bootstrap, Material UI, HTML, CSS, Javascript
- **DevOps**: Git, Jenkins, Github Actions, Docker, Kubernetes, Helm, Terraform, Grafana, Logstash, Elasticsearch
- **Cloud**: AWS (Certified Cloud Practitioner), GCP (GKE), Azure (Blob Storage, Azure Functions, Container Group)
- **Database**: RMDBS (Postgresql, MSSQL), NoSQL (Mongodb, Redis)
- **Languages**: English (IELTS Academic: 7.5), Cantonese (Native), Mandarin (Fluent)