

# Matthew Kwong

Frontend Engineer & System DBA

📍 Hong Kong

📞 +852 6095 4241

✉ contact@mwskwong.com

🌐 mwskwong.com

## RECENT EXPERIENCE

### Programmer (Business and Administrative Systems)

May 2022 – Present | [EDPS Limited](#) | [Seconded to Hospital Authority](#)

- Maintain, enhance, and manage ha.org.hk and several intranet web apps, serving 100+ staff and 7M+ Hong Kong residents
- Planned and finalized web app OS and DB migration within 1 week

### Programmer (Database Management System)

Aug 2021 – May 2022 | [EDPS Limited](#) | [Seconded to Hospital Authority](#)

- Participated in conducting DB knowledge-sharing sessions for 100+ audience
- Initiated and maintained a Bitrix24 site to manage training materials, guidelines, and documentation, boosting working efficiency by 20%
- Designed and developed a DB health check system using React, Express, and MySQL to facilitate SRE and reduce system recovery time
- Supported and guided 10+ application teams on MySQL deployment and maintenance
- Designed and developed a web app using React, Express, and MySQL to visualize database CPU utilization which led to a 30% increase in productivity
- POC on data virtualization with Delphix DataOps platform supporting 3 types of DB and 50+ DB instances

### Junior Programmer (Database Management System)

Jul 2019 – Aug 2021 | [EDPS Limited](#) | [Seconded to Hospital Authority](#)

- Supported and guided 3+ application teams on MySQL deployment and maintenance
- Maintained database management web application
- Implemented time off application system using React, Express, and MySQL, serving 20+ team members and cut down admin work by 90%
- Implemented a Java-based database password management application supporting 3 types of DB
- POC on data virtualization with Delphix DataOps platform supporting 2 types of DB and 30+ DB instances

## EDUCATION

### Master of Science in Information Systems Management

2022 – Present | [Hong Kong University of Science and Technology](#)

### Bachelor of Engineering in Computer Science

Second Class Honours (Division One)

2015 – 2019 | [The University of Hong Kong](#)

## KEY SKILLS

### Frontend

React

TypeScript

Next.js

Cypress

Gatsby

MUI

Redux

React Hook Form

### Database

MySQL

MS SQL

MongoDB

Oracle

Sybase

### Mobile

React Native

NativeBase

React Navigation

### Backend

Spring Boot

Express

### Cloud

Contentful

OpenShift

### DataOps

Delphix

## CERTIFICATIONS

### MongoDB Certified DBA Associate

[MongoDB](#)

*In Progress*

## LANGUAGES

Cantonese **Native**

English **Full professional**

Mandarin **Full professional**