

Matthew Kwong

System DBA & Front-End Developer

📍 Hong Kong
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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

Backend

Express GraphQL

Spring Boot

Cloud

Contentful Docker

OpenShift

DataOps

Delphix

Database

MongoDB MS SQL MySQL

Oracle Sybase

Frontend

CRA Emotion Gatsby

MUI React Redux

TypeScript

CERTIFICATIONS

MongoDB Certified DBA Associate

[MongoDB](#)

In Progress

LANGUAGES

Cantonese **Native**
English **Full professional**
Mandarin **Full professional**