

Matthew Kwong

Frontend Engineer & System DBA

📍 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](#)

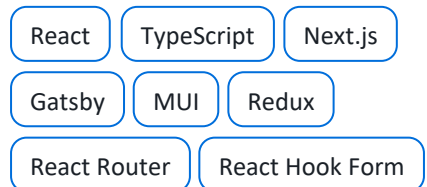
Bachelor of Engineering in Computer Science

Second Class Honours (Division One)

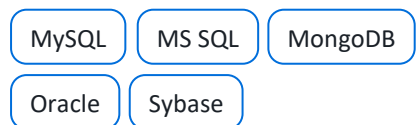
[2015 – 2019](#) | [The University of Hong Kong](#)

KEY SKILLS

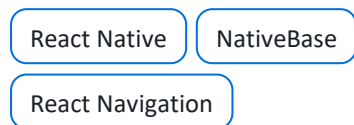
Frontend



Database



Mobile



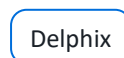
Backend



Cloud



DataOps



CERTIFICATIONS

MongoDB Certified DBA Associate

[MongoDB](#)

In Progress

LANGUAGES

Cantonese	Native
English	Full professional
Mandarin	Full professional