

# Matthew Kwong

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## Recent Experience

Assistant Technical Manager, [Hong Kong Jockey Club](#) 05/2024 – Present

- Led a team of 4 frontend engineers, overseeing project deliverables and ensuring timely completion of sprint goals.
- Collaborated with cross-functional stakeholders including Product Owners, Business Analysts, architects, and technical teams to align product vision with technical solutions.
- Developed a Backends for Frontends service using ASP.NET Web API 2, tailoring functionalities to support a new web project initiative.

Senior Web Engineer, [Viu](#) 09/2023 – 05/2024

- Collaborated with cross-functional teams to elevate UX and maintain legal compliance while advancing SEO and Core Web Vitals for [Viu.com](#) by utilizing technologies such as Next.js.
- Worked closely with the product team and the team lead to clarify and confirm a precise grasp of product requirements.
- Conducted thorough peer code reviews to ensure code quality while mentoring junior engineers, fostering professional growth, and enhancing team productivity.
- Streamlined the CI/CD pipeline, cutting deployment times by 33%, leading to faster and more efficient deployment processes.

Frontend Engineer, [TecPal Ltd.](#) 10/2022 – 09/2023

- Developed essential features for [Monsieur-Cuisine.com](#) such as authorization and customer review management system by leveraging Vue and React, elevating UX, and facilitating business expansion.
- Collaborated with PMs, backend engineers, and QAs to refine and ensure a clear understanding of product requirements.
- Participated in assessing task complexity and time required to complete tasks, contributing to effort estimation discussions.
- Spearheaded comprehensive peer code review processes, rigorously scrutinizing, and providing constructive feedback to ensure adherence to best practices and maintain superior code quality standards.

Programmer 08/2021 – 09/2022

Junior Programmer 07/2019 – 08/2021

[Hospital Authority](#)

- Managed [HA.org.hk](#) and multiple intranet web applications, ensuring their smooth operation and meeting the needs of stakeholders.
- Led the strategic planning and timely execution of a web application operating system and database migration within one week, delivering a seamless transition and minimizing disruption.
- Conducted a successful database knowledge-sharing session for more than 100 technical professionals, expanding team expertise and fostering collaboration.
- Supported over 10 application teams on MySQL deployment and maintenance, ensuring optimal database performance and minimizing downtime.

## Key Skills

### Frontend

Next.js, MUI, Next.js, React, React Hook Form, React Router, SEO, TanStack Query, TypeScript, Zod, Zustand, Pinia, Quasar, Redux, SCSS, Vue, Vuetify, Vuex, SWR, Tailwind CSS

### Backend

Backends For Frontends, ASP.NET Web API 2, Express, Prisma, CASL, class-validator, NestJS, Spring Boot, TypeORM, Firebase

### Content Management System

Contentful, Strapi, WordPress

### Database

MySQL, Disaster Recovery, High Availability, MS SQL, Sybase ASE, Oracle DB, MongoDB, PostgreSQL

### DevOps

Delphix, GitHub Actions, Argo CD, Azure Front Door, Bitbucket Pipelines, Docker, IBM UrbanCode (Deploy, Release), Jenkins, AWS (CloudFront, ECR, S3), JFrog Artifactory, OpenShift

### Monitoring

Dynatrace, Grafana Loki, Oracle Enterprise Manager, Sentry

## Education

### MSc in Information Systems Management

[HKUST](#) · 08/2022 – 07/2024

Technology Innovation and Entrepreneurship Concentration

### BEng in Computer Science

[HKU](#) · 09/2015 – 12/2019

Second Class Honours (Division One)