

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

i18next, 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, 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)