

KAI WANG

Senior Full Stack Developer

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📍 Kwun Tong, Hong Kong



SUMMARY

Enthusiastic Senior Full Stack Developer with 10+ years of hands-on experience in designing, developing, and implementing web and mobile applications and solutions using various technical stacks and programming languages. Committed to delivering high-quality software solutions and staying updated with industry trends. Strong leadership, problem-solving, and coding abilities. Seeking opportunities to contribute to a forward-thinking organization.

EDUCATION

B.S. in Computer Science

Hong Kong Polytechnic University (PolyU)

📅 2011 - 2015

EXPERIENCE

Senior Full Stack Developer

Fortunes Tech

📅 05/2022 - Present 📍 Liverpool, England

- Mentored and provided technical guidance to an engineering team of 10+ members.
- Spearheaded the transition of online meeting platform from **PHP, DailyJS** old stack into modern **Angular, Python Flask, and LiveKit**-based architecture, resulting in a remarkable 300% increase of client company's revenue.
- Implemented high-performance RESTful API endpoints using **Node.js** and **Nest** Framework.
- Designed **Postgres** database for microservices and optimized its performance by implementing advanced indexing strategies and query optimization.
- Led and participated in the development of various web and mobile applications including Renude, Relik and Droneblocks using cutting-edge technologies, including **Angular, React, React Native, Next.js, Node.js, Golang, Python, and Laravel**.
- Actively contributed to code reviews, ensuring code quality, maintainability, and adherence to best practices.
- Strong background in cloud computing, including **AWS, GCP, Docker** and **Kubernetes**, proficient in designing and implementing cloud architectures, deploying and managing applications.
- Worked on CI/CD tools like **Jenkins** to automate the build process from version control tool into testing and production environment.

Lead Frontend Developer

TecPal Ltd.

📅 03/2020 - 04/2022 📍 Hong Kong

- Collaborated with design team to create a **custom JavaScript UI framework** used across the company's internal projects, which improved development efficiency by 30% and ensured consistent branding and UI across the application.
- Led the end-to-end development process, including database design, frontend and back-end development, and **AWS deployment**, utilizing **Node, Angular, React, React Native** and **MongoDB** as the tech stack.
- Overcame the challenge of limited payment integration options in Malaysia by conducting extensive research and selecting the best available service.
- Successfully delivered the MVP within a tight timeframe of just 6 months, ensuring its successful adoption by customers who are actively utilizing the platform's car and motorcycle lending services.
- Developed **BOTs** for car renting and property management services using **Chatfuel, Facebook, and Dialogflow BOT frameworks** for Facebook Messenger.
- Worked on managing the **Git workflow**, reviewing the completed tasks and conducting the code reviews.

Senior Web Developer

Fortex

📅 06/2017 - 02/2020 📍 Palo Alto, CA, USA

- Worked with a team of developers to migrate the existing UI from **AngularJS** to **React**, adding an extensive list of new features, **unit** tests and **e2e** tests for all features, key users, and roles.
- Implemented microservice architecture to upgrade efficiency of CRM system by 40%.
- Integrated a third-party identity service, **OKTA**, and related UI flows, including account activation, login, forgot password, and session management using JWT, token validation, and session cookies.
- Assisted in enhancing the schema for a **RESTful API** to optimize its consumption by **Apollo Client**.
- Revamped the entire components and pages following the new Figma designs.
- Supported the CTO with various management tasks as high-level architectural decisions.

EXPERIENCE

Full Stack Developer

Pixo Punch

11/2014 - 05/2017 Hong Kong

- Spearheaded the frontend development of ecommerce web applications using **React**, **Redux**, **Typescript**, **MUI**, **Bootstrap**, **SCSS**, etc.
- Refactored the client-side of applications into a reliable SPA architecture.
- Provided seamless user interface, kanban board, data visualizations, and designed overall user experience.
- Wrote high-quality code which covered 100+ **unit** and **e2e** tests to verify the functionality of UI components and overall workflow.
- Stayed updated with the latest **React** and **React Native** trends and libraries to enhance the app's competitive edge.
- Provided powerful support to senior developers after becoming proficient in **React** and frontend technologies, resulting in a stronger, more efficient tech team.

Web Developer

GreenTomato

11/2012 - 10/2014 Hong Kong

- Developed the performance analytic tools utilizing **PHP frameworks** with senior developers, and focused on standard workflow & best practices.
- Learnt efficient work culture including **Git** and **Agile** methodologies
- Increased site traffic by providing user-oriented visuals and features using programming languages, including **JavaScript** and **PHP**.
- Utilized tools like **LESS** and **SASS** for CSS development.
- Developed **iOS** & **android** mobile applications from scratch to deploy.
- Participated in the bootcamp sessions to learn and implement **JavaScript** and **PHP** framework basis.

SKILLS

React	React Native	Next.js	VueJS	Angular	Redux	SCSS	Material UI	Tailwind CSS	
Storybook	Jest	Cypress							
Node.js	ExpressJS	NestJS	Golang	Python	Django	Flask	Laravel	MySQL	PostgreSQL
Elasticsearch	GraphQL	MongoDB							
Docker	Kubernetes	Azure	AWS	Google Cloud Platform					

CERTIFICATION

React Expert Certificate Hackerrank	AWS Certified Solutions Architect Testdome
Backend Developer Certificate Triplebyte	

FREELANCING

 Freelance Full Stack Developer Upwork	10/2010 - 10/2012
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