

# Zhen Kai, Wong

*"The first step to solving a problem is facing it."*

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✉ **ox\_wzhenkai**

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## Summary

Dynamic professional with a strong commitment to continuous learning and personal growth. Proven ability to tackle challenges head-on and achieve set objectives. Motivated to leverage acquired knowledge to drive company success and foster a positive work environment.

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## Experience

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### MetaKore / Freelancer

Nov 2021 - Present

- Managed end-to-end project processes including requirement analysis, planning, development, and deployment.
- Selected development languages based on project needs, utilizing Next.js, React, Node.js, and Python.
- Employed MySQL for database management, with some projects leveraging Supabase.
- Developed APIs independently and published them on RapidAPI for external access.
- Acquired expertise in MCP protocol and created an MCP server for public use.
- Managed multiple projects simultaneously while meeting tight deadlines.
- Built good relationships with clients through consistent communication and feedback.

### UP DevLabs / Backend Developer

Sep 2022 - May 2024, Singapore

- Acquired foundational knowledge in microservices and assumed 'gopher' responsibilities.
- Constructed REST APIs with Golang beego, ensuring comprehensive documentation via OpenAPI.
- Integrated new features into backoffice system utilizing Vue.js and Golang technologies.
- Managed data storage in MySQL and synchronized it with MongoDB for consistency.
- Implemented event-driven data storage in MongoDB, syncing with MySQL through Apache Kafka.
- Orchestrated communication between services using gRPC and HTTP APIs.
- Resolved concurrency challenges in Kubernetes pods employing Redis solutions.
- Scheduled distributed cron jobs and created unit tests to

validate functionality.

### **Flow Digital / Full Stack Developer**

May 2021 - Nov 2021, Kota Damansara, Selangor, Malaysia

- Developed e-commerce websites using WordPress, WooCommerce, and Shopify.
- Managed code repositories on Atlassian Bitbucket and deployed servers on Namecheap and SiteGround.
- Enhanced external projects by adding new system features, primarily in PHP.
- Led a small team of UI/UX designers and software developers throughout project lifecycles.
- Conducted code reviews to ensure quality and adherence to best practices.
- Conferred with project managers and other stakeholders to fully understand software design specifications and plan optimal development approaches.

### **123RF / Web Application Developer**

May 2020 - Apr 2021, Kelana Jaya, Selangor, Malaysia

- Migrated legacy PHP codebase to Laravel framework by module.
- Debugged code errors, proposed solutions, and optimized overall performance.
- Developed user authentication and image search modules to enhance functionality.
- Built and documented REST APIs using OpenAPI specifications.
- Utilized Docker containers to establish efficient development environments.
- Practiced agile scrum methodology, conducting weekly sprints for continuous improvement.

### **J Star Berhad / Web Developer**

Jun 2019 - Feb 2020, Mid Valley, Kuala Lumpur, Malaysia

- Developed functional websites using templates provided by UI designer within ASP.NET framework.
- Implemented interface changes as requested by clients to enhance usability.
- Integrated SMS and payment gateways to streamline transaction processes.
- Debugged client-side issues related to web development projects.
- Coordinated with project managers to define scope, set timelines, and deliver projects within deadlines.

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## Education

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### Multimedia University / Bachelor of Information Technology (Security Technology)

Graduated Mar 2019, Melaka, Malaysia

- Graduated with first-class honors.
- Dean's List
- Projects and Research: Blockchain-based online sharing platform
- Participated in Golden Key Society.

### Multimedia University / Diploma in Information Technology

Graduated Oct 2016, Melaka, Malaysia

- Graduated with first-class honors.
- Dean's List
- Projects and Research: Web-based food ordering system
- Participated in the 30-Hour Famine 2015, Chinese Language Society and Golden Key Society.

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## Certifications

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Developing on AWS, Amazon Web Services, 02/01/21, Current, learn how to use AWS services and developer tools to develop secure and scalable cloud applications,  
<https://drive.google.com/file/d/10cRlrAPrYwkhtxAPI4JY35jl0kGJ9EA4/view?usp=sharing>

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## GitHub, Website

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- <https://github.com/zhenkai-dev>
  - <https://personal-terminal-styled.vercel.app>

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## Languages

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- Mandarin Chinese: Native
  - English, Malay: Proficient