**Zedd (Zhi-Hao) Zhong**

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**GitHub:**[*https://github.com/zdd997106*](https://github.com/zdd997106)

**Location:** *Taiwan*

*I am a web developer with 5+ years of experience in fintech, SaaS, and IT services, including 2 years as a freelancer. Skilled in both front-end and back-end development, I thrive on tackling challenges and continuously learning new technologies. I enjoy working on diverse projects and finding innovative solutions through development.* [*See more about me*](https://portfolio.zdd997.com/#about)*.*

**PROFESSIONAL EXPERIENCE**

**Freelancer**

*Remote*

**Full-Stack Engineer**

*2023 - Present*

* **Designed and built** SaaS platforms, marketplace solutions, and IT projects from scratch
* **Optimized relational database schemas**, reducing load time best up to 30%
* **Developed micro front-end services**, enabling seamless third-party tool embedding across platforms

**MEXC Global**

*Taipei, Taiwan*

**Front-End Developer, Team Leader**

*2022 - 2023*

*MEXC Global is one of the largest cryptocurrency exchanges in the world, serving more than 10 million users in 170+ countries.*

* **Led a front-end team** of three developers, maintaining a 100% on-time delivery rate for client requirements across six departments.
* **Reviewed and approved team members’ merge requests**, ensuring high code quality and maintaining a low issue rate (1-3%), outperforming the web team average by 10-16%.
* **Planned and executed technical upgrades**, including UI library updates, TypeScript migration, and unit test implementation, improving project stability and maintainability.

**Cloud Interactive**

*Taipei, Taiwan*

**React Front-End Developer**

*2021 - 2022*

*Cloud Interactive is an IT services company providing technical solutions across various industries, including government, banking, manufacturing, and IT*

* **Built a complex permissions management system** for high-end reports and documents at TSMC, collaborating with a large team of 20+ members and TSMC’s software team.
* **Established front-end coding standards** using ESLint and style rules, enhancing code maintainability and reducing project switching costs for developers.
* **Redesigned core development principles**, optimizing project workflows for smoother execution and improved adherence to tight deadlines.

**Education Administrative System Development Center – National Chi-Nan University**

*Nantou, Taiwan*

**Software Engineer**

*2019 - 2020*

*The Education Administrative System Development Center is affiliated with National Chi-Nan University and specializes in outsourcing and maintaining educational systems for government departments.*

* **Developed a new dropout reporting system**, replacing an outdated PHP and C# system with modern technologies like Node.js, React.js, and MS SQL.
* **Enhanced chatbot functionality** by integrating high-quality training data from a system I developed during my postgraduate studies.

**SIDE PROJECT EXPERIENCES**

**ZPanel (Side Project)**

*2023*

*ZPanel is an admin dashboard I developed for managing resource API services, providing content, and controlling behaviors for my side projects.* [*See more about this project*](https://gitlab.com/zdd-world/zpanel)*.*

* **Built a centralized management system** for API service and website content.
* **Implemented an automated deployment process** using GitLab-CI, Docker, and an Ubuntu OS VPS.

**iLOD (Postgraduate Project)**

*2020*

*iLOD, Intelligent Linked Open Data, is an open data enhancement system to automatically upgrade low-quality (*[*2-3 stars*](https://5stardata.info/en#addendum2)*) data to high-quality (*[*4-5 stars*](https://5stardata.info/en#addendum4)*) data.*

* **Optimized the database schema** by redesigning index flow and relations, resulting in a 40% efficiency improvement over the original system.
* **Developed a** **concept hierarchy** through the open data collection to enhance chatbot functionality.

**CORE SKILLS**

* **Languages and Frameworks**JavaScript, TypeScript, React, Next JS (App Router/Pages Router), Nest JS, Node JS, Express JS, Redux, React Context, Prisma, PostgreSQL, MSSQL, Monorepo
* **Integration and Deployment Tools**Jest, React Testing Library, Docker, GitLab-CI, GitHub-CI, Vercel, Jenkins, Ubuntu
* **Project Management Tools**Jira, Confluence, Figma, GitLab, GitHub
* **Concept Knowledges**  
  TDD, OOP, FP, RESTful, GraphQL, Agile Methodology (Scrum, Kanban)

**EDUCATION**

**National Chi Nan University**

*Nantou, Taiwan*

*Master’s degree in computer science*

*2019 - 2020*

**National Chi Nan University**

*Nantou, Taiwan*

*Bachelor’s degree in computer science*

*2015 - 2019*