



## Crystal Chiang

I am a Frontend Developer with 10+ years of experience in building responsive, user-centric web applications. Skilled in modern technologies like Vue.js, Nuxt.js, Vuex, React.js, Next.js, Redux, HTML, CSS, JavaScript (ES6+), and various frontend tools, I specialize in delivering seamless, high-performance web interfaces. With a full-stack background, I also have experience with backend technologies and integrations, ensuring comprehensive solutions for web development.

📍 台北市, 台灣 <https://crystalchiang.space/>  

## Experience



### Senior Frontend Developer • Jigentec CO., LTD. (次元科技股份有限公司)

十一月 2020 - Present

#### Vendor Network Platform

- Developed and maintained front-end features for a platform that connects clients to service providers in DNS, CDN, DDoS protection, and cloud hosting.
- Utilized Vue.js, Vuex, and Nuxt.js to create dynamic, scalable, and maintainable user interfaces.
- Integrated backend APIs built on Laravel, and visualized data using InfluxDB to provide real-time monitoring of network services.
- Implemented CI/CD workflows using Jenkins, enabling seamless and automated deployments to GCP and AWS, reducing deployment time by 30%.
- Integrated Slack Bot notifications to enhance real-time monitoring, improving operational visibility and response time by 20%.

#### The Crowdfunding Platform

- Developed a global manual testing matchmaking platform, supporting three user roles: clients, testers, and administrators.
- Used React.js, Next.js, Redux, Hooks, and Material UI to build a high-performance, responsive front-end interface, improving user experience and interaction speed by 25%.
- Worked with backend technologies including MongoDB, Redis, and MySQL to ensure smooth, real-time communication between users and support role-based access functionality.
- Enhanced platform scalability and localization, supporting global clients and reducing load times for users in different regions by 20%.



### Senior Frontend Developer • Initrise Technologies

十月 2019 - 十月 2020

#### Leacloud – Planning and Design Platform

- Participated in the development of Leacloud, a planning and design platform, focusing on building interactive front-end features.
- Utilized Vue.js and Nuxt.js to develop a dynamic, user-friendly interface.
- Designed and implemented responsive UI components using Vuetify to ensure a seamless experience across devices.
- Integrated Chart.js to visualize complex data and enhance user interaction with real-time reports.
- Worked closely with backend APIs, utilizing Axios to implement key functionalities and ensure smooth, secure data flow across the platform.

- Optimized the build process using Webpack, improving performance and reducing load time.



## Frontend Engineer • Freelance Web Development

九月 2016 - 十月 2019

- Delivered a wide range of web and application solutions across various industries, including e-commerce, personal portfolios, enterprise-level apps, and Web3 platforms.
- Utilized Vue.js, Nuxt.js, Ajax, jQuery, Bootstrap 3, HTML5, CSS3, PHP, CodeIgniter, MySQL, Workerman, Laravel, and Solidity to build responsive websites, custom web applications, and blockchain-integrated platforms.
- Developed responsive websites and custom web applications, ensuring cross-browser compatibility and mobile-friendly design.
- Built e-commerce platforms, ensuring secure payment integration and seamless user experience.
- Created enterprise-level mobile apps for publicly listed companies, focusing on scalability, performance, and smooth UX.
- Developed Web3 applications, leveraging blockchain technology with Solidity to create decentralized solutions.
- Managed both front-end and back-end development, ensuring high performance, scalability, and user-friendly experiences.
- Ensured smooth API integration and maintained strong back-end functionality for applications.



## Software Engineer • International Integrated Systems, Inc.

四月 2015 - 九月 2016

- Developed and maintained internal systems for government use within the Central Weather Bureau (CWB).
- Utilized PHP, HTML, CSS, and JavaScript to build robust and scalable systems that supported real-time weather data processing.
- Created and maintained systems for typhoon path prediction, rainfall forecasting, and other weather-related analysis tools, supporting decision-making for government agencies and public service applications.
- Ensured the seamless integration of weather data into user-friendly platforms for both governmental use and public-facing applications, enhancing accessibility for the general public.
- Collaborated with cross-functional teams to implement features that enabled real-time data visualization and improved public engagement with weather data.

## Education



2008 - 2012

### Tatung University

Information Management

## Frontend Development Skills

- **HTML5**
- **CSS3 / TailwindCSS / Vuetify / Bootstrap**
- **JavaScript / ES6+**
- **Vue.js / Vuex / Nuxt.js**
- **React.js / Redux / React Hooks**
- **jQuery**

## Languages

- **Chinese** – Native or Bilingual
- **English** – Intermediate

- Chart.js
  - Material UI (Mui) / Ant Design
  - Webpack / NPM
  - Git
  - Firebase
  - CSS Preprocessors (Sass, LESS)
  - Responsive Design
  - Cross-browser Compatibility
  - TailwindCSS
  - Lexical Editor
  - Windsurf
  - Cursor IDE
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## Backend & Server-Side Skills

- PHP / CodeIgniter Framework
  - Laravel
  - MySQL / MongoDB / Redis
  - Google Cloud Platform (GCP)
  - Linux
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## API & Integrations

- Facebook API
  - Google APIs
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## CMS & Content Management

- WordPress
  - CMS
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## Problem-Solving & Communication Skills

- Problem-Solving Skills
- Client Requirement Communication