

Kuanling (Isaac) Huang

I have over a decade of web development experience, including 10 years working with React and 2 years with Flash. I am skilled in managing web backend proxies, setting up DevOps pipelines, and configuring AWS for web prototypes. I focus on writing clear, logical code with solid data structures and types.

Experience

2021
JUL
|
Present

Senior Web Frontend Developer

Gemini Data Inc.

📍 Taipei City(remote), Taiwan

- Initiated and developed a graph editing application using React and Pixi.js.
- Provided front-end technology suggestions to our de-facto tech lead, contributing to project decisions.
- Took charge of attending most project meetings, allowing other team members to concentrate on development tasks.

2020
MAR
|
2021
JUL

Senior Web Frontend Developer

Galaxy Software Services

📍 Taipei City, Taiwan

- Took charge of a TypeScript-based React project initially challenged by poorly structured data. Dedicated 10 hours daily over 3 months to refactor the code and improve documentation, significantly enhancing data integrity and maintainability. Trained coworkers on these improvements, leading to a successful team effort in the project's release.
- Managed a Vue.js project and innovatively implemented a non-Turing complete language within it to support new real-time computation features, enhancing the application's capabilities while maintaining its stability and efficiency in web browsers.
- Improved the hiring process by carefully checking candidates' GitHub work and asking them to code live during interviews. This helped us better understand their real coding skills without using typical Leetcode questions, leading to better hires.

2019
APR
|
2020
JAN

Web Developer

Shuga

📍 Taipei City, Taiwan

- Developed a lightweight, React-based web application that mirrors our mobile app's functionality, designed for users who haven't installed our app.
- Translated a computer vision paper into JavaScript and implemented it using React Hooks, allowing coworkers to interact with it via a web browser, thereby enhancing user engagement.
- Developed a parser-combinator library to parse QCR data, packaged as a private npm package, which streamlined data processing tasks for my team.
- Created a PoC on my own AWS account and hand it over to senior developers as a part of DB backup plan.

2017
OCT
|
2019
JAN

Web Developer

Sense.tw

📍 Taipei City, Taiwan

- Developed interactive graph systems for an issue-policy discussion platform, powered by React.js and SVG, which facilitated more effective and organized discussions.
- Worked with a GraphQL backend, improving how we manage data and use APIs, making the system more efficient without needing different versions.

2016
APR
|
2017
JUL

Web Developer

noema.io

📍 Taipei City(remote), Taiwan

- Developed B2B and B2C applications using React with Redux and redux-thunk, focusing on creating robust and user-friendly interfaces.
- Utilized Promise and Redux actions to build composable business logic, enhancing application functionality and user experience.
- Worked with senior developers to process customer data with Hadoop on AWS.

2015
FEB
|
2016
JAN

Web Programmer

ChineseCUEBS

📍 Taipei City, Taiwan

- Develop tools to build and package React.js app for fixed-layout EPUB3 books.

2011
FEB
|
2014
FEB

Junior Programmer

十方一瞬設計工作室

📍 Taichung City, Taiwan

- Developed custom websites for clients using PHP, JavaScript (including jQuery and Node.js), and Objective-C in a small, dynamic team setting.

2008
OCT
|
2010
OCT

Flash Programmer

四度空間資訊

📍 Taichung City, Taiwan

- Worked on maintaining and developing Flash games using ActionScript 1, 2, and 3, focusing on event-based design for new game projects.
- Contributed to game art by creating pixel and vector graphics, enhancing the visual appeal and user experience of new Flash games.



Selected Projects

2023
JUN
|
2023
JUL

[caasih/amis](https://huggingface.co/datasets/caasih/amis_voice) (https://huggingface.co/datasets/caasih/amis_voice)

A hugging face dataset for an Amis ASR PoC on GCP Colab.

2022
APR
|
2022
JUL

[函數式程式設計在網頁前端開發的入門應用](#)

At COSCUP 2022, I presented a talk in Chinese on integrating functional programming techniques into modern web front-end development.



Education

2005
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2010
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2003
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2004

Bachelor's Degree, Digital Content and Technology

National Taichung University of Education

📍 Taichung City, Taiwan

Unfinished B.S., Computer Science and Information Engineering

National Cheng Kung University

📍 Tainan City, Taiwan

Contact Info

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Skills

HTML

JavaScript, TypeScript

CSS

Linux administration

Amazon Web Services (AWS)

This résumé was wholly typeset with HTML/CSS — see git.io/vVSYL