張永昌 Canis Zhang

Front-end Developer
Department of CSIE - CSU · Kaohsiung

 Canis-Infinity
 https://iistw.com/
 https://blog.iistw.com/

My name is Canis Zhang, and I am from Taoyuan, currently residing in Kaohsiung. From a young age, I have been passionate about technology and computers. This passion led me to learn a lot of related knowledge, and I chose to major in Computer Science and Information Engineering at university.

I have diligently learned various programming languages and technologies, including:

- Next.jsFront-end trio (HTML, CSS, JavaScript), React.js, and its framework Next.js

- Back-end technologies such as Node.js, Express.js, JWT

- Databases like MySQL and MongoDB

I have strong problem-solving skills and can calmly analyze and find the best solutions when faced with difficulties. I am eager to take on challenges and continuously learn new knowledge to enhance my professional skills.

My career goal is to become a full-stack engineer, providing the best technical support for companies and clients. I believe that through continuous effort and learning, I can achieve this goal and make more achievements in IT.

Skills

</> Front-End

Languages & Frameworks

HTML
Ability to write semantic markup and apply it to webpage structures

CSS
Proficient in CSS3 syntax, capable of implementing responsive design

JavaScript
Proficient in ES6+ syntax, capable of writing efficient and maintainable JavaScript code

React.js
Able to develop single-page applications (SPA) and use React Hooks

Next.js
able to implement server-side rendering (SSR), static site generation (SSG) and client-side rendering (CSR)

Libraries

jQuery
Familiar with syntax and plugins, able to quickly implement DOM manipulation and AJAX requests

Skills

RWD
Capable of designing and implementing webpages that adapt to various devices and screen sizes

</> Back-End

Languages & Frameworks

Node.js
Able to develop efficient backend services using Node.js

Express.js
Familiar with the Express framework, able to build Restful APIs and middleware

Libraries

Mongoose
Familiar with Mongoose ORM, able to perform efficient database operations with MongoDB

JWT
Able to use JWT for secure user authentication and authorization

Skills

Restful API
Able to design and implement Restful APIs, ensuring their efficiency and scalability

MVC
Understand and apply the MVC architectural pattern

Middleware
Able to write and apply middleware to handle requests and responses

🛢 Database

Category

MySQL
Able to design and optimize relational databases, write efficient SQL queries

MongoDB
Familiar with NoSQL databases, able to perform efficient data storage and retrieval

Tools

MySQL Workbench
Used for designing and managing MySQL databases

PopSQL
Graphical SQL query tool

Arctype
Visual database management tool

MongoDB Compass
Graphical interface tool for managing MongoDB databases

>_ Development Tools

IDE

VS Code
Primary development tool, familiar with its extensions and shortcuts

Web Storm
Secondary development tool

Sublime Text
Lightweight text editor, used for quick edits

Notepad++
Simple and easy-to-use text editor, used for quick edits

Git

GitHub
Understanding of Git version control, capable of basic team collaboration and code management

AI

ChatGPT
Using ChatGPT for code assistance
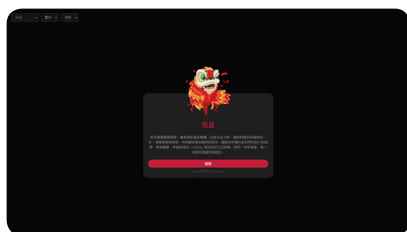
Work Experiences

○ 2015-05 - Present
Founder
Infinity Studio

I started my personal studio journey. Initially focusing on computer sales, assembly, and repair, I gradually began exploring web development.
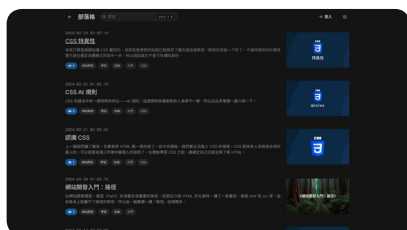
Collections

Festival Popup

This is a small toy I made for the official website as a holiday easter egg.

#HTML #CSS #JavaScript

https://demo.iistw.com/festivalsPopupCard/

Blog

This is my blog, where I'll share my learning journey, observations, and more from time to time.

#HTML #CSS #JavaScript #React.js #Next.js #MongoDB #UI/UX

https://blog.iistw.com/

Step Form

Step Form was originally an online consultation form, which has been abandoned (may be redesigned in the future).

#HTML #CSS #JavaScript #jQuery #PHP #MySQL #UI/UX

https://demo.iistw.com/stepForm/index.php

ReserVet Clinic System

ReserVet Clinic System is a clinic system commissioned by an animal hospital. The system provides functions such as online appointment, medical record management, and consultation progress management.

#HTML #CSS #JavaScript #PHP #UI/UX
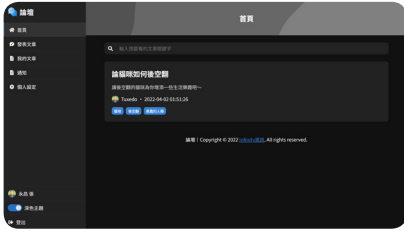
https://demo.iistw.com/hospital_reservation/

Faculty and Student Portal

The Faculty and Student Portal is a redesign for a university student system. The website provides various information, such as student schedules, absences, etc.

#HTML #CSS #JavaScript #PHP #MySQL #UI/UX

https://csu-portal.iistw.com/

BBS App

BBS App is a forum website for practice, with functions such as registration, login, posting, messaging, editing, deletion, etc.
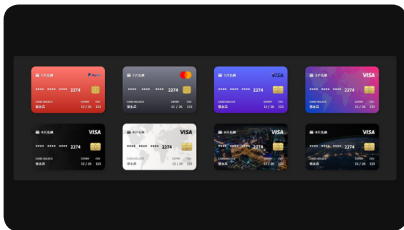
#HTML #CSS #JavaScript #jQuery #PHP #MySQL #UI/UX

https://demo.iistw.com/bbsApp/index.php

QR Code Generator

QR Code Generator is a QR Code generator that can customize the content.

#HTML #CSS #JavaScript #jQuery #PHP #UI/UX

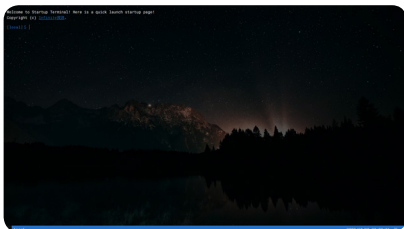https://demo.iistw.com/qrCode/

Credit Card

Credit Card is a product of leisure time, which contains a variety of card faces.

#HTML #CSS

https://demo.iistw.com/creditCard/

Startup Terminal

Startup Terminal is a website designed to be used as a start page, simulating terminal operations, with functions such as theme switching, user login, page jumping, search, alarm clock, to-do list, etc.

#HTML #CSS #JavaScript #jQuery #PHP #MySQL #UI/UX

https://demo.iistw.com/startup-terminal/