

Tsz Tat NG

Echo

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Skill

JavaScript
TypeScript
React
Node.js
Java
MySQL
Bootstrap
Tailwind

Highly motivated and results-driven Information Technology professional with a strong educational background and hands-on experience in web and mobile application development. Proven track record of academic excellence and a passion for creating innovative solutions. Proficient in a range of programming languages and technologies, with a focus on Angular, React, JavaScript, TypeScript, React Native, Bootstrap, Tailwind, RESTful API, and MySQL.

Experience

Visual Paradigm International Limited

Position: Web Developer

Duration: August 2023 - April 2024

- Developed and maintained websites as a project member, utilizing tools and programming languages such as JavaScript, TypeScript, React, Node.js, TypeORM, Java, MySQL, Bootstrap, and Tailwind.
- Collaborated with cross-functional teams to ensure seamless integration and optimal performance of web applications.

Projects:

1. Space

- Developed a note-taking website similar to Notion.
- Managed data transfer between the front end and back end.
- Implemented the website interface, ensuring a user-friendly experience.

2. Online Animated Explainer

- Created professional-grade animation videos efficiently.
- Captivated and educated employees and customers, delivering exceptional business outcomes.
- Handled 2D and 3D character animations on the website.
- Responsible for UI implementation, graphic logic calculation, and user experience testing.

Master Dynamics Limited

Position: Industrial Attachment

Duration: July 2021 - August 2021

- Collaborated with the development team to ensure smooth integration and a user-friendly interface.
- Gained hands-on experience in applying computer vision techniques and working with deep learning frameworks.

Projects:

1. Mobile Application for Object Detection

- Developed a mobile application for object detection using YOLOv4 and Android Studio.
- Implemented functionality to detect food items and display their nutrition labels.
- Integrated a feature to suggest suitable exercises based on the detected food items.

Education

BSc (Hons) Information Technology

University of the West of England

Duration: September 2022 - July 2023

- Graduated with First Class Honours.
- Developed a dynamic web application for managing Hong Kong market information using Angular, TypeScript, Bootstrap, RESTful API, and MySQL.
- Designed and implemented a user-friendly CRUD system, enabling efficient data manipulation and retrieval.
- Gained practical experience in database management and API integration.
- Created a mobile application using React Native for maintaining a food blog, demonstrating versatility in app development.

Higher Diploma in Software Engineering

Hong Kong Institute of Vocational Education

Duration: September 2020 - July 2022

- Graduated with a CGPA of 3.33.
- Acquired comprehensive knowledge of software engineering principles and practices.
- Developed proficiency in various programming languages, software design, and development methodologies.
- Strengthened problem-solving skills through real-world programming challenges and projects.
- Collaborated with groupmate on group projects, fostering teamwork and communication skills.

Awards

Outstanding Project for the BSc (Hons) Information Technology Programme 2022/23

- Organized by University of the West of England

Outstanding Student for the BSc (Hons) Information Technology Programme 2022/23

- Organized by University of the West of England

FUTURE-READY TALENT INCUBATION PROGRAM 2022

- Best Report & Presentation Award
- Information Technology Discipline
- Organized by Vocational Training Council with the support of J.P. Morgan

IVE Discipline Graduation Project Exhibition 2022

- Outstanding Project Award
- Project: Mentalist AI Caregiver
- Organized by Vocational Training Council

A.I. STEM Hackathon - Food Recognition Competition 2021

- Certificate of Achievement
- Champion of this program
- Organized by AI Gaspar Limited

Personal Projects

Personal Portfolio Website (Website)

Tools and Technologies:

React, JavaScript, Tailwind

- Created and maintained a personal portfolio website to showcase my projects, skills.
- Showcased completed projects, including detailed descriptions, screenshots.
- Used responsive design principles to ensure optimal viewing experience across various devices.

Hong Kong Market Information CRUD System (Website)

Tools and Technologies:

Angular, TypeScript, Bootstrap, RESTful API, MySQL

- Developed of a web application for managing Hong Kong market information.
- Implemented a user-friendly front-end interface using Angular and Bootstrap.
- Used TypeScript for efficient and maintainable codebase.
- Designed and integrated RESTful APIs for data communication between front-end and back-end.
- Used MySQL database for data storage and search.
- Collaborated closely with team members, ensuring the successful delivery of a functional application.

Food Blog Record (Mobile Application)

Tools and Technologies:

React Native

- Developed a mobile application for maintaining a food blog.
- Take advantage of the versatility React Native to create a cross-platform app for both iOS and Android.
- Designed an intuitive user interface, allowing users to easily record.