JAMES WONG CHAI FUU

FULL STACK SOFTWARE DEVELOPER | ML/DL ENTHUSIAST

CONTACT

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- Kajang, Selangor
- www.jameswong.tech

EDUCATION

2022-Present
APU

- BCs of Computer Science (AI)

2020 - 2021
UTAR

- Foundation in Engineering

SKILLS

- Full Stack Web Development
- Mobile Development
- DevOps
- Database design
- Computer Vision
- NLP (LLMs)
- Python, JS, TS, Java, C++/C, PHP, SQL, HTML, CSS

LANGUAGES

- English (Fluent)
- Chinese (Fluent)
- Malay (Intermediate)
- Cantonese (Intermediate)

PROFILE

Full-stack developer and aspiring data scientist and with a passion for leveraging technology to tackle complex problems. Proficient in Python, SQL, and JavaScript, with experience in machine learning, data analysis, and web development. Eager to apply my analytical mindset and technical skills to drive innovation and deliver impactful solutions.

WORK EXPERIENCE

Intership - AI Research   2024 Dec - NOW
IMU

- Conduct study & research on AI in Digital Pathology/Healthcare
- Contribute to scanning of slides, programming, annotation, and development of the AI tools for Digital Pathology
- TBD

Internship - IT Operations & Infrastructure   2024 Aug - 2024 Nov
Hilti Asia IT services

- Gained hands-on experience in IT operations by managing Atomic tickets to create automation solutionsTBD
- Developed a log parser to process logs generated by AE, enabling efficient data handling and visualization through graph plotting
- Built internal automation tools using Microsoft technologies to enhance productivity and streamline workflows.

Intern/Event Helper   2023 Oct - 2023 Oct
LiFull Tech Malaysia @ Japan Job Fair in Asia (Malaysia)

- Facilitated clear communication and talent alignment for LiFull Tech Malaysia.
- Efficiently matched candidate skills with company preferences for successful talent acquisition.

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HONORS & AWARDS

Top 8 Finalist   2024 Feb
Hilti IT Competition 2024

- Developing an AI-powered recruitment platform that streamlines the screening process, enabling efficient and intelligent hiring.
- Simplifies job profile creation using only keywords with flexible weightage for IQ, EQ, and SQ while supporting diverse applicant materials like resumes, e-CVs, and cover letters.
- Implements multi-round selection, from material evaluation to AI-driven assessments and interviews, providing rich insights upon completion.
- Introducing Jarvis, an innovative AI assistant that manipulates all tools across the platform via text and voice commands for seamless recruitment management.

Best Inventor & Gold Award @ MYIE, ITEX 2024   2024 July
ITEX (International Invention, Innovation, and Technology Exhibition) 2024 @ MYIE

- Upgrade WayangWayang to 2.0
- Develop new Card matching game for Wayang Kulit Character

Gold Award   2024 Feb
Malaysia Tech Expo 2024 @ AYIA

- Develop WayangWayang 1.0
- A comprehensive educational system on Wayang Kulit integrating static website, chatbot, AR museum, and AR player using NextJS, ReactJS, TS.
- Pitch the product to judges, visitor and investor.

Top 8 Finalist   2023 Nov
DevHack 2023

- Develop a lie detector aim to improve and elevate talent acquisition using Tensorflow, Mediapipe library for facemesh, pose detection.
- Work as a group to develop the system.

Gold Award   2023 July
IUCEL (International University Carnival on E-Learning)

- Develop multilingual, domain focus chatbot on Wayang Kulit
- Utilize centralized vector database (knowledge base) to empower the chatbot.
- Integrate popular LLMs for more natural response.

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RELEVANT PERSONAL PROJECT EXPERIENCE

Crowdstage (in-progress)   2021 Feb
Freelancing website

- Develop a freelancing platform for the crowd to showcase their works and hire the best from.
- This project leverage MVC Architecture with Laravel as the backend, and VueJS for crafting the frontend.
- Involved database modelling, routing, API design, middleware and more.

Personal Portfolio   2022 Dec
A Personal website

- Develop a personal website that serve as a central platform to share, post anything related to me.
- Implemented Spotify API to detect what I'm currently listening.

Chrysie   2023 May
Multilingual, domain focus chatbot

- Develop multilingual, domain focus chatbot on chrysanthemum
- Utilize centralized vector database (knowledge base) to empower the chatbot.
- Integrate popular LLMs for more natural response.

Self Hosting Services   2023 July
Self Managed Server

- Develop an end-to-end architecture for managing the self-hosted services.
- Utilize docker for server virtualization, and traefik as proxy manager.
- Protect the server with Crowdsec.
- Configure DNS, CDN with Cloudflare and setup the server with VPN access availability.

Foodie-U   2023 August
Food Ordering System

- Design the architecture of the system, including database schema design, API, pattern used within the system (DAO in Java).
- Design File manage system integrating with database to keep track file's metadata

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RELEVANT PERSONAL PROJECT EXPERIENCE

Drawy (in-progress)   2025 JAN
Intelligent Drawing Canvas

- Developing a web-based drawing app accessible anytime, anywhere, with handwriting recognition and spell-check.
- Implements a grouping algorithm to cluster strokes into "words" for better accuracy.
- Features real-time learning of handwriting styles, automatically adjusting incorrect words with similar handwriting strokes on the canvas.