YEO JIA HUI

Kuala Lumpur, Malaysia (Remote Available)

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SUMMARY

Passionate full stack developer with a strong interest in AI-powered web applications. Skilled in building scalable, user-centric solutions that combine modern frameworks such as Next.js, Flutter, and Laravel with emerging AI tools like Whisper AI and Hugging Face. Experienced in the full project lifecycle from UX design and backend logic to cloud deployment and CI/CD integration. Thrives in fast-paced, collaborative environments and is driven to deliver clean, efficient, and impactful digital products.

SKILLS

Frontend: Next.js, React.js, Flutter, HTML, CSS, JavaScript, TypeScript
Backend: Laravel, Node.js, Express.js, PHP, Java, C#, Dart
Database: MySQL, Supabase, Firebase
DevOps: AWS, GCP, Github

EXPERIENCE

Web Designer and Developer Intern   *March 2023 – Aug 2023*
Dreamit Real Solutions Sdn Bhd | Selangor, Malaysia
- Delivered six responsive WordPress pages for Allan Chan Enterprise, improving mobile performance and boosting user enquiries by 20%.
- Automated OCR extraction for 200+ PDFs, cutting manual data entry time by 40%.
- Uploaded and optimized 200+ product assets using SEO-focused taxonomy, enhancing catalogue searchability.
- Published and optimized 30+ portfolio projects for Garis Architects, achieving 95% cross-platform responsiveness.

Achievements

Huawei ICT Competition 2024-2025 Malaysia   *3 Dec 2024*
Third Prize National Competition
- Earned HCIA certification after competing with other university students in Malaysia, achieving a top 20% ranking among 1,200 students from 40 universities and colleges across Malaysia and demonstrating a dedication to learning AI concepts, as well as related technologies such as Big Data and Cloud Computing.

RunCloud x AWS Cloud Practitioners Challenge   *Oct 2022*
Semi-finalist
- Leveraged AWS services to design and deploy Grocerline, a prototype e-commerce platform.

EDUCATION

Universiti Malaysia Pahang Al-Sultan Abdullah (UMPSA)   *Expected Graduation: Aug 2026*
Bachelor of Computer Science (Software Engineering) with Honours
- Awards: Dean's List 2024, First Class Honours.
- Completed 118 credit hours, taking extra subjects like Augmented Reality, Interpersonal Effectiveness.

Universiti Malaysia Pahang Al-Sultan Abdullah (UMPSA)   *Graduated: Aug 2023*
Diploma in Computer Science
- Awards: Dean's List 2021, Dean's List 2022, First Class Honours.
- Mastered a strong foundation in software development, algorithms, and databases, consistently ranking among the top students.

HACKATHONS

GODAMLah! Hackathon 2024   *Aug - Dec 2024*
Finalist Participant
- Developed a prototype to secure user personal data with Blockchain Certificate Technology, engineered with Next.js and TypeScript.
- Reduced verification time improved data security through encryption
- Advanced to the finalist stage out of 84 nationwide teams, showcasing strong technical problem-solving and collaborative skills.
- Collaborated in a team of 3, leading frontend, backend and blockchain integration development.

BRIDG3 Hackathon National Level *27 - 28 July 2024*

Participant
- ➤ Redesigned the z-Fund Distribution and Management System using Blockchain technology via Maschain API, enhancing security and transparency in fund allocation, handling 1,000+ concurrent transactions.
- ➤ Team up with 5 peers, coordinating across frontend, backend, and blockchain roles, and led backend development.

PROJECTS

The Asia Press
- ➤ Developed and implemented a new SEO strategy for The Asia Press by content creation and targeting long-tail keywords, boosting traffic by over 400% within 3 months.
- ➤ Optimized metadata, internal linking, and keyword structure, significantly increasing user engagement and search visibility.

DOSM Pahang Mobile Application | Diploma Final Year Project
- ➤ Innovated backend infrastructure with Progressive Web App (PWA) technology.
- ➤ Collaborated with the Department of Statistics Malaysia (Jabatan Perangkaan Negeri Pahang) to develop a Progressive Web App (PWA) that increased public accessibility to state-level statistics, reduced data lookup time by 40% for public users.
- ➤ Implemented backend infrastructure using the MVC architecture pattern, ensuring scalability and maintainability.
- ➤ Presented population, income, labour, and residential data through interactive graphs and charts tailored for non-technical users.

Development of Speech to Text Academic Report Assistance Mobile Application | Final Year Project
- ➤ The first on the team to integrate academic-specific terms and Malaysia language nuances into Whisper AI, leading to improved accuracy and relevance in student academic report analysis.
- ➤ Fine-tuned Whisper AI with academic-specific vocabulary and Malaysian language nuances, significantly improving transcription accuracy and contextual relevance.
- ➤ Designed a real-time (live) transcription system by integrating an ultra-low latency GitHub library, enabling immediate academic report analysis.
- ➤ Embedded the live Whisper model into a Flutter mobile app, building both frontend and backend architecture, and managing the database for storing transcripts.
- ➤ Enhanced usability for students by enabling faster, more accurate academic documentation support.

ADDITIONAL INFORMATION

Availability: March – August 2026 (Internship Placement)
Interest Areas: Full Stack Development, Cloud Integration, AI Web Applications