

Ho Jia Liang

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1. PROFESSIONAL EXPERIENCE

Qanvast Pte Ltd Full-stack Developer since February 2019

- Completed over 180 user stories and appraised "consistently exceeds requirements" in 2023.
- Spearheaded Next.js migration, doubled average PageSpeed performance score from 31 to 73.
- Developed a new lead generation channel with A/B testing that yields ~120 submissions monthly.
- Built a recommendation engine (Recall@5 of 98%, Precision@5 of 37%) to automate business process.

Xtremax Pte Ltd .NET Developer from July 2018 to January 2019

- Develop, deploy and maintain web intranet systems for the Attorney-General's Chambers.
- Improved execution time of Microsoft SQL Database query by ~30 seconds to prevent timeouts.
- Worked with remote team members to resolve a P1 issue within 1-day to satisfy service-level agreement.

Digital System (M) Sdn Bhd 3-month Internship from September 2017 to December 2017

- Offered a permanent position after internship.
- Designed and built a Location Marking & Geofencing feature that handles ~1,000 pins and shapes.

2. TECHNICAL SKILLS

Used at Current Job



3. TERTIARY EDUCATION

Bachelor of Information Systems (Honours) Information Systems Engineering

- Awarded by Universiti Tunku Abdul Rahman (UTAR) in May 2018 with Merit.

4. PERSONAL PROJECTS

Performance Monitor completed on November 2023, used **TypeScript** and **Firebase**

- Serverless function to record request network timings and metadata of HTTP2 requests.
- Originally built for pre-warming the CDN and avoiding cache eviction.

Area Sampler completed on July 2023, used **TypeScript** and **Gulp**

- Performant and mobile-friendly colour picker for picking colours from uneven/noisy backgrounds.
- Features multiple averaging approaches, average types and output formats.

HTML to PDF/UA completed on March 2022, used **Java** and **Maven**

- Application to generate PDF/UA and PDF/A-3A compliant PDFs from HTML.
- PDF/UA concerns accessibility and PDF/A concerns long-term preservation.