

Melaka, Malaysia
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Po Yi Zhi

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Education

Melaka, Malaysia **Multimedia University** **June 2015 | May 2019**

- B.Eng (Honours) in Mechanical Engineering.

Working Experience

Intern **Protech Builders Sdn Bhd** **March 2018 – June 2018**

Melaka, Malaysia

- Assistant of Senior Engineer
- Participate in Site Visit
- Understand and study technical drawings and ensure that installation and operation complied with standards and customer requirements
- To cooperate with other departments in the company and provide effective technical support to customer

Mechanical Engineer **Durianê Professionals Sdn Bhd** **August 2019 – Oct 2021**

Melaka, Malaysia

- Cold water and sanitary plumbing design
- Design fire protection system for buildings in accordance with Malaysia Standard (MS), NFPA and FM
- To prepare fully hydraulic calculation simulation for sprinkler system
- Design air conditioning and mechanical ventilation system for buildings
- Prepare tender documents for various mechanical service packages
- Evaluate compliance of tenderer submission
- Work with other multi-discipline Engineers and other professionals including Architect and Surveyor in projects

Frontend Web Developer **The Hacker Collective** **Oct 2021 – Apr 2022**

Petaling Jaya, Selangor

- Build reusable and maintainable components that helps to improve and speed up development processes.
- Collaborate with Backend and Design teams to develop website that are accessible across all platforms

Kuala Lumpur

- Create, troubleshoot, enhance, and enrich e-commerce site in Shopify.
- Maintain and manage existing e-commerce website projects.
- Collaborate with cross-functional teams and members to build product features and improve user interface for the e-commerce website projects.
- Create functionality and features to improve user experience.
- Improve the performance of the website by code splitting, lazy loading, defer scripts, reduce cumulative layout shift and asset optimization.

Technologies

- Programming Languages: HTML, CSS, JavaScript (ES6), TypeScript
- Libraries & Framework: Vue, Nuxt, TailwindCSS, Vuex, Pinia, React, SASS, jQuery, Shopify Liquid, Firebase, NodeJS
- Tools & Platforms: Command Line, Git/Github, NPM

Projects

- **Personal Website.** A portfolio website to showcase my skills and personal projects.
Technologies used: Nuxt, TailwindCSS, SASS, HeadlessUI, GSAP
- **LVLV & Bloomeroo.** An online flower shop that offers a wide selection of beautiful bouquets and arrangements to suit any occasion in Australia.
Technologies used: HTML, CSS, JavaScript, JQuery, Shopify Liquid
- **FlowerChimp.** An online flower shop that offers a wide selection of beautiful bouquets and arrangements to suit any occasion in Southeast Asia.
Technologies used: HTML, CSS, JavaScript, JQuery, Shopify Liquid, Splide, Modaal
- **The Hacker Collective Website.** A landing page website to display services offered and company information.
Technologies used: Vue, Nuxt3, TailwindCSS, Javascript, HeadlessUI
- **Order Management Web App.** An order creation and management web app.
Technologies used: NextJS, TypeScript, TailwindCSS, Prisma, tRPC, Zod, HeadlessUI
- **Eazy Chat App.** A scalable real-time chat app designed to send and receive messages from users.
Technologies used: Vue, TypeScript, Vite, TailwindCSS, Firebase, Pinia, HeadlessUI, Vue-router
- **Saloon Booking Web.** A door-to-door saloon appointment booking website allows users to book their appointment at any time.
Technologies used: Vue, TypeScript, Vite, TailwindCSS, Firebase, Vuex, AOS (Animate on Scroll), Vue-router
- **Shopping Cart.** A static E-Commerce website to demonstrate the flow of a user purchase.
Technologies used: React, SASS, React-router