

David Yu Hong TAN

Software is best when it is simple and easy to maintain. A simple concept, but achieving it is incredibly complicated.

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EXPERIENCE

BJSS, Australia - Software Engineer

August 2022 - September 2024

Key responsibilities in a client

- Evaluation for database modernization and migration
- Creating migration scripts from MSSQL to PostgreSQL using MSSQL's Bulk Copy Program
- Shopify CMS for Product Design, Client Branding, supplier integration, analytics
- Retail PoC using React Frontend and Python Backend

Plumfleet, Australia - Freelance Software Engineer

July 2022 - December 2023

Software features & Key responsibilities

- Consulting
- Workshop handover of key software features, current implementations, current issues and future features

Orbital 8, Australia - Software Engineer

January 2021 - August 2022

Software features & Key responsibilities

- Fleet management system with Asset booking capabilities, User Management and integration with external key lockers
- Liaise with client for new feature requirements and gave proper recommendation in line with client's goals for the software
- Manage client's cloud hosted software, includes front end web site and database upgrades

Database By Design, Australia - Software Engineer

September 2018 - December 2020

Software features & Key responsibilities

- Calendar Booking. Automation on booking cancellation, notifications, custom fields and a variety of other customizable settings.
- Liaise with client for new feature requirements and gave proper recommendation in line with client's goals for the software
- Support client on the software in terms of data inconsistencies and bug fixes
- Manage client's cloud hosted software, includes front end web site and

PROGRAMMING SKILLS AND CONCEPTS

TypeScript, C#, SQL, NextJS

SOLID, TDD, Refactoring

SPOKEN LANGUAGES

English, Mandarin, Japanese, Bahasa Malaysia

EDUCATION

Swinburne University of Technology, Melbourne, Australia Bachelor of Computing, Software Engineering Major

October 2007 - 2010

database upgrades

CrimsonLogic Malaysia, Malaysia - Associate Product Engineer

August 2016 - September 2017

Software features & Key responsibilities

- Develop, research for Product designed to manage flow of registration of businesses.
- Liaise with Lead and Testers

NXP Semiconductors, Malaysia— Associate Programmer

December 2014 - June 2016

Software features & Key responsibilities

- Legacy system for tracking material usage
- Custom RESTful web service replace socket based interface to Python backend
- Liaise with stakeholders on new features

Hobbies and Tinkering

NextJS with tRPC, Vercel and Clerk using the T3 Stack

- App Router and Pages Router
- Backend API using tRPC
- Database utilizing Prisma connecting to a MySQL database
- Default CSS using TailwindCSS with customized color palettes for theming
- Authentication using Clerk