Boon Toh Gan (Chris)

Frontend Software Engineer

A motivated & passionate candidate from a diversified background actively seeking any opportunities in front-end development to acquire valuable local experience. Excited to accept new challenges which can utilize and enhance my technical skills.

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EDUCATION

Advanced Diploma of Information Technology
Kent Institute, Australia

01/2023 - Present

Courses
- Courses provided includes Create & Develop REST API, Build Advanced Users Interface, Implement & Maintain Uses of Containerisation.

BSc (Hons) Actuarial Science & Finance
UCSI University, Malaysia

05/2016 - 08/2019   *CGPA: 3.41 /4.00*

Achievements
- UCSI Merit Scholarship Recipient (100% tuition fee waiver).
- Courses completed include Calculus and Analytical Geometry, Statistics and its Applications, Introduction to Stochastic Process, Stochastic Calculus for Insurance & Finance.

PERSONAL PROJECTS

Personal website ⬀
- Personal website created using React, Material-ui, Formik, Yup, react-tsparticles

Cloned ChatGPT ⬀
- Cloning ChatGPT using NextJS 13, OpenAI API, Tailwind CSS, Firebase & Google Authentication

Duplicated Facebook ⬀
- Pure front-end react application duplicating Facebook created using TypeScript, SCSS, Material-ui, Formik, Yup & react-router-dom

News Website ⬀
- A React web application application built using NextJs version 13, GraphQL, Stepzen, Media Stack API & Tailwind CSS. Features such as server side rendering & theme toggle are applied

WORK EXPERIENCE

Front End Software Engineer
Tigerlab

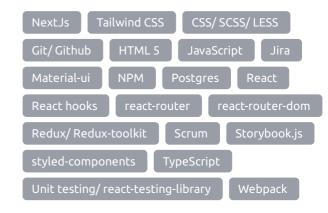*08/2021 - Present*   *Malaysia*

A global insurtech headquartered in Switzerland that offers a trusted insurance platform, embedded insurance and digital change

Achievements/Tasks
- Migrate multiple existing React applications into NX monorepo workspace while creating common libraries for shared components and implement unit tests for each component.
- Develop core feature for the company product using Material UI library & such feature is adopted by several clients without any bugs as more than hundred of unit tests are done for a single feature.
- Successfully develop & deliver various sales journey according to the Figma design & integrate the sales journey into the Django framework.

SKILLS

NextJs   Tailwind CSS   CSS/ SCSS/ LESS   Git/ Github   HTML 5   JavaScript   Jira   Material-ui   NPM   Postgres   React   React hooks   react-router   react-router-dom   Redux/ Redux-toolkit   Scrum   Storybook.js   styled-components   TypeScript   Unit testing/ react-testing-library   Webpack

CERTIFICATES

Java Programming I & II
MOOC courses held by University of Helsinki

Exam P: Probability (03/2017)
Society of Actuaries

Exam FM: Financial Mathematics (08/2017)
Society of Actuaries

EXAM IFM: Investment and Financial Markets (07/2018)
Society of Actuaries

AWS Certified Cloud Practitioner (10/2022 - 10/2025)

LANGUAGES

English
Full Professional Proficiency

Malay
Full Professional Proficiency

Chinese
Native or Bilingual Proficiency

Cantonese
Full Professional Proficiency

SOFT SKILLS

Collaboration   Problem Solving   Adaptability   Active Communication   Openness   Active learner   Teamwork   Time Oriented   Work with minimum supervision