Fam Fook Cheng

Software Developer

Passionate about technology and hands-on problem-solving. Skilled in both architecture and engineering. Natural-born tinkerer. Detail-oriented and committed to quality. Eager to innovate and improve.

Contact

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Work Experience

9LOOP Software Sdn Bhd, Selangor - *Software Engineer*
Aug 2023 - Present

- Working on a system that is used by 48 licensed online casino operators. Includes handling 50 thousand deposits and 240,000 transactional wagers per day. AWS stack including ECS, CloudWatch, RDS (Postgres) and ElastiCache.
- CI/CD using Bitbucket Pipelines.
- Full suite of unit, integration and functional tests.
- Custom internationalization (i18n) package.
- Multi DB, multi tenant homogeneous database design.
- Custom PubSub service.
- Functional programming.
- In-house built CRUD Generator.

Infollective Solution Sdn Bhd, Sarawak - *Full-stack web developer*
Apr 2021 - Jun 2023

- Developed, maintained, and shipped production code for client website primarily using HTML, CSS, JavaScript, jQuery and PHP.
- Conducted quality assurance testing across multiple web browsers and devices to ensure seamless cross-browser compatibility and optimal mobile responsiveness.
- Implemented robust and secure APIs and web services using PHP to facilitate seamless communication between frontend and backend systems.
- Integrated MySQL database with PHP to store and retrieve data efficiently.

Skills

Programming languages

- JavaScript, Typescript, PHP, Java and Dart.

Libraries and frameworks

- Svelte, SvelteKit, Drizzle ORM, Fastify, gRPC and Protocol Buffers, React, Next.js, Yii2, Laravel, Flutter.

Tools and technologies

- Docker, Git, Netlify, Firebase, Figma, PostgreSQL, MySQL, Postman, Android Studio.

Languages

- English (Fluent)
- Malay (Fluent)
- Mandarin (Proficient)

Educational Background

Bachelor of Software Engineering with Honours - *University Malaysia Sarawak (UNIMAS), Sarawak*
Oct 2022

- Graduated with CGPA 3.86.
- Major courses such as object-oriented programming, data structures & algorithms, software engineering, database systems, operating systems and computer networks.

Selected Projects

- Go Fitness – Fitness website which recommends exercises, with targeted muscle group, to the user. Built with React, Tailwind, MaterialUI and Netlify.
- Youtube Clone – Youtube Clone website, which is built with React, MaterialUI and Netlify.
- goldenfamfc.netlify.app – Personal website built with React, Tailwind and Netlify.