Lo Yee Teing

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Aspiring full-stack developer and great team player who is energetic, adaptive, not afraid to ask questions and always prepared to solve challenging problems. With the experience in design, development, testing, and maintenance of the software systems along with the ability to follow established procedures and work under little or no supervision.

Experience

Bank of Montreal – Software Developer   Jul 2022 - PRESENT

- Improved the Online Business Banking experience for thousands of commercial clients by delivering Angular-based features across Self Help, Design Systems, and Marketplace modules.
- Upgraded the platform's front-end framework from Angular v7 to v17, boosting performance, security, and long-term maintainability.
- Improved delivery speed and reliability by migrating repositories from Bitbucket to GitHub and upgrading CI/CD pipelines from Bamboo to Azure DevOps, reducing deployment time.
- Enhanced quality and reliability by achieving 80%+ unit test coverage across modules, reducing production issues and supporting seamless releases.
- Successfully led Agile ceremonies and mentored junior developers and interns, promoting cross-team collaboration and knowledge sharing.
- Participated in the early stage of the BMO Design System Team, implemented scalable UI components for the Design System Library, and optimized development by building reusable UI components and authoring documentation, enabling adoption across multiple teams without direct support, ensuring consistent, scalable front-end development, and contributing to an award-winning platform.
- Contributed ai integration for the Marketplace team using CodePilot and Figma, improved business adoption and platform usability by delivering features on time for major Marketplace releases.

BreatheSuite – Full Stack Developer   May 2021 - June 2022

- Reduced API failures and improved data access efficiency by architecting RESTful services with UML and ERD models, then implementing relational data layers using Spring Data JPA and Spring REST with robust exception handling.
- Strengthened API security and protected sensitive resources by applying Spring Security with JWT tokens, enforcing stateless authentication and role-based access control.
- Collaborated with teams from other departments to gather insights, then translated and documented discussions into actionable technical requirements, ensuring alignment between business and engineering.

BreatheSuite – Software Developer Co-op   Jan 2020 - Dec 2020

- Built an email action handler with Node.js, Express, and Firebase Cloud Functions that automated email-triggered workflows, reducing manual intervention and improving response times for end users.
- Developed a cross-platform mobile application using Angular, Ionic, and Cordova that integrated with a Bluetooth device to monitor asthma patients' inhalation technique. Implemented client-side web APIs with Angular HTTP Client to calculate scores and update results in a centralized patient database.
- Implemented unit tests with Jest, significantly improving code reliability and performance.
- Streamlined development by implementing GitHub Actions CI workflows that automated testing and validation, cutting production issues and enabling faster, more reliable releases.
- Developed GraphQL endpoints for queries and mutations with proper error handling, improving API stability and developer efficiency.

Education
Memorial University of Newfoundland – BSc in Computer Science   Sept 2018 - May 2021

Extra-Curriculum
Global Entrepreneurship Network Canada – Project Manager   June 2024 - Sept 2024

- Assisted with planning and coordinating the Entrepreneurship World Cup Canada Round, supporting event preparation, on-site execution, and outreach to entrepreneurs.

Paradigm Boring– Lead Front-End Developer   Sept 2020 - Nov 2021

- Led the front-end team as part of the Paradigm Boring competition, designing and developing a Control Laptop GUI with Angular and GoJS. Built interactive prototypes in Figma, integrated real-time data via Socket.IO, and coordinated version control with Git to streamline collaboration and accelerate delivery.

Canada Learning Code – Mentor   April 2019 - Dec 2019

- Inspired and mentored students through Canada Learning Code by teaching coding fundamentals, fostering problem-solving skills, and motivating individuals to pursue careers in Computer Science.

Skills & Interest

Technical Skills: TypeScript, Angular, Node.js, SQL, NoSQL, React.js, Java, Spring Boot, AWS, Python

Hobbies: Ballet, Singing, Weightlifting, Video Making, Drumming

Languages: English, Mandarin, Cantonese, Malay, French