

Martin Tsang

437-663-1225 | tsangmartin1225@gmail.com | Toronto, ON
<https://github.com/marttsang2> | <https://www.linkedin.com/in/marttsang2/>

TECHNICAL SKILLS

Programming/scripting languages: Java, Python, SQL, Typescript, JavaScript, HTML, CSS
Web Development: ReactJS, Redux, React Native, Spring Boot/MVC, Express, NodeJS, NestJS
Database & Cache broker: MongoDB, MySQL, PostgreSQL, Redis
Web testing: Jest, Unittest Postman, Selenium
Tools: Docker, Kubernetes, AWS

EXPERIENCE

Software Engineer 2023 – 2023

Asynk AI

- Developed and deployed an online job search and tracking platform with Spring Boot and Next.js
- Applied tailwind CSS on front-end user interface and created customized design component for user experience
- Collaborated with UI designer and other developers to outline execution plans and participated in creating and prioritizing tasks with Jira

Software Engineer 2022 – 2023

Apoidea

- Developed bank statement analysis service using Nest, MySQL, and MongoDB.
- Implemented over 100 bank statement analysis rules for accurate data representation and analysis.
- Refactored overcomplicated back-end designs by adopting Nest.js and largely saved back-end features
- Investigated business logic from source code for a top-tier bank client
- Performed a QA automation suite of over 2000 test cases with Jest for feature validation

Software Engineer 2021 – 2022

P L Technology Limited

- Led a team of 3 to architect and implement a loan platform utilizing ReactJS, Django, and PostgreSQL
- Managed the automated build and deployment pipeline utilizing AWS CodePipeline, CodeCommit, and CodeBuild
- Created and performed over 1000 automated unit tests with Unittest, expanding code coverage to 80%, minimized bugs introduced in new features deployment

Programmer 2021 – 2021

Technine

- Developed an E-commerce platform using Next.js, NodeJS and Express
- Built REST APIs to manage search and delete requests for over 1000 users using MariaDB database

EDUCATION

City University of Hong Kong

Bachelor of Engineering in Information Engineering

PROJECTS

Portfolio Website 2023

- Created a portfolio website from scratch using Next.js

Gamehub 2022

- Developed an online platform for buying and selling used console games using Spring Boot, React.js

Polytasy 2022

- Built a GameFi platform on Polygon, empowering gamers to earn rewards using Spring Boot, React.js