

Martin Tsang

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Summary

- Open work permit holder, immediately available to work in Toronto, ON without employer sponsorship
- Enthusiastic and self-motivated software engineer with hands-on experience in AWS, DevOps, Full-stack web applications, Kubernetes
- Capable of coping with others to achieve various targets and goals

Skills

- Programming Languages: Java, Javascript, Typescript, Python
- Frameworks: Nest.js, Node.js, React.js, Spring Boot, Django
- Developer Tools: Git, Docker, AWS, VSCode, PyCharm, IntelliJ
- Language: English, Mandarin, Cantonese

Experience

Software Engineer	Asynk.ai	02/2023 - Current
<ul style="list-style-type: none">• Developed and deployed an online job search and tracking platform with React and Java Spring.• Standardized all output with a new, responsive, mobile-first approach and strategy.• 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• Utilized Cloud Foundry for efficient building on top of Kubernetes		
Software Engineer	Apoidea	03/2022 - 06-2023
<ul style="list-style-type: none">• 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	P L Technology Limited	06/2021 - 02/2022
<ul style="list-style-type: none">• Implemented applications of student loan platforms using Django, React., AWS, 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%.		
Programmer, Part time	Technine	03/2021 - 06/2021
<ul style="list-style-type: none">• Developed an E-commerce platform using Next.js, ExpressJS and MariaDB.		
Deep Learning Engineer, Intern	R2C2 Limited	06/2020 - 09/2020
<ul style="list-style-type: none">• Developed Rock classification model (Pytorch/Python)		

Education

Bachelor of Engineering	City University of Hong Kong	07/2017 - 07/2021
<ul style="list-style-type: none">• Major in Information Engineering		

Projects

- **PERSONAL WEBSITE:** Created a personal website (Next.js). Link to [Demo](#).
- **POLYTASY:** Created a GameFi platform on Polygon, enabling gamers to earn rewards through captivating gameplay experiences (Solidity, React, Java Spring Boot). Link to [Twitter](#).
- **GAMEHUB:** Designed and developed an online marketplace for trading console games (Java Spring Boot, React, AWS)
- **FINDJOBS:** Built a web crawling platform that consolidates job posts from various sources into one website. (Scrapy, Python, React)