

# Gancheng Luo (Andy)

+1 (647) 870-3941 | [andy8647lgc@gmail.com](mailto:andy8647lgc@gmail.com) | <https://andy8647.com> | [LinkedIn](#) | [Github](#)

## Work Experience

### commonsku

Toronto, Canada

Full Stack Developer

Jan 2023 – Now

- Instrumental in a dynamic Agile development team, delivering accessible features for a web-based promotional CRM platform using **React**, **Redux**, and **PHP**.
- Designed and implemented a React-based framework that auto-generates components based on simple configuration, slashing development time by **80%** and significantly speeding up project timelines.
- Initiated the development of a modernized **Confluence** documentation space, creating standardized templates for **technical design** and **project requirement** documents to streamline project management.
- Actively participated in technical design and code reviews to uphold superior code standards, authored comprehensive technical documentation to facilitate knowledge sharing, and provided essential guidance to new team members during the onboarding process.
- Optimized the codebase by refactoring legacy code (**jQuery**) with **React** and **Redux**, modernized the development workflow and improved application scalability.

### SnapPay Inc.

Toronto, Canada

Jr Front-end Developer

Sep 2021 – Dec 2022

- Developed a **Vue.js** and **TypeScript**-based marketing web application, catalyzing daily user growth from 3% to an impressive **10%**.
- Designed and implemented a User Activity Tracking System and DeepLink System using **Google Analytics**, contributing to a **50%** surge in Monthly Active Users (MAU).
- Enhanced the front-end build process with **Webpack**, achieving a **97%** faster dev-server boot speed and a **50%** reduction in bundle size, significantly improving developer efficiency and application performance.
- Crafted **REST APIs** for internal and external **microservices** using **Java**, **Spring Boot**, and **MyBatis**, and maintained a **CMS** using **AWS S3**, **AWS SNS**, and **MyBatis**, ensuring robust backend functionality.

## Projects

**PromoStandards Hack-A-Thon: Team Ctrl+Alt+Defeat:** <https://github.com/Andy8647/alexa-order-status>

Oct 2023

- Engaged in a competitive hackathon, swiftly developing a functional **Amazon Alexa Skill** over a **5-day** sprint.
- Integrated **PromoStandards SOAP API** to allow users to check their order status through voice commands.
- Utilized **AWS Lambda**, **Alexa Skill Kit**, **Serverless Framework** and **Github Actions** to facilitate voice-based user interactions with the application.

**React Portfolio Template:** <https://github.com/Andy8647/react-portfolio-template>

Jan 2023 – Feb 2023

- Evolved an existing React portfolio template, infusing new features to boost functionality and user experience; the project garnered **69** stars and **32** forks on GitHub so far.
- Contributed to the open source community by sharing the code on GitHub, receiving positive feedback and appreciation from users and wrote instructions step-by-step.
- Integrated **partical.js** for dynamic backgrounds, **Google Analytics** for user tracking, and **social media meta tags** for enhanced sharing capabilities.
- Enabled automatic **dark theme detection** to align with user system preferences.

## Skills

**Programming Languages:** TypeScript, JavaScript, Java, PHP

**Databases:** MySQL, MongoDB, TypeORM, MyBatis

**Frameworks:** React, Redux, Next.js, NestJS, SpringBoot, RabbitMQ, Zend, Serverless Framework

**Cloud Services:** AWS (Lambda, S3 SNS, Alexa), Google Analytics

**Tools:** Docker, Postman, Swagger, Elasticsearch, npm, Maven, Github Actions

## Education

University of Toronto

Toronto, Canada

Bachelor of Science, Computer Science, Statistics, Mathematics

Sep 2016 - Jun 2021