

Gancheng (Andy) Luo

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<https://andy8647.com> | [LinkedIn](#) | [Github](#)

Skills:

- Programming Language: Java, JavaScript, TypeScript, PHP
- Framework: ReactJS, Vue.js, NestJS, Spring Boot, Zend Framework
- Database: MySQL, MogoDB, TypeORM, MyBatis
- Cloud Service: AWS S3, AWS EC2, AWS SNS, Google Analytics
- Workflow Tools: Docker, Postman, Swagger, Elasticsearch, npm, Maven

Experience:

Full Stack Developer at commonsku

Jan 2023 - Present

- Successfully integrated Unsplash as an image searching service provider into the company's application, developing a flexible system that enables the addition or substitution of other image providers without impacting the business logic.
- Troubleshoot system bugs and optimized MySQL queries and controllers to enhance application performance and response time.
- Contributed to the design and development of essential application features, working collaboratively with cross-functional teams to deliver high-quality solutions that align with business requirements and customer needs.
- Demonstrated exceptional attention to detail, an unwavering commitment to continuous learning and development, and a strong work ethic in delivering robust and reliable solutions.

Jr Front-end Developer at SnapPay Inc.

Sep 2021 - Dec 2022

- Developed a Vue.js and TypeScript-based propagation marketing web application that improved daily user growth from 3% to 10%.
- Designed and implemented a User Activity Tracking System and DeepLink System using Google Analytics for the company's flagship mobile app, resulting in a 50% increase in Monthly Active Users (MAU).
- Optimized the front-end build tool using Webpack and Vite, which resulted in a 97%

faster server boot speed and a 50% reduction in bundle size.

- Implemented visual elements and user interaction for hybrid apps and mobile websites.
- Developed REST APIs for the company's internal and external micro-services using Java, Spring Boot, and MyBatis.
- Designed and optimized the web application architecture, reducing the number of HTTP requests from $O(n)$ to $O(1)$.
- Maintained the company's Content & Admin Management System using jQuery, Bootstrap, Spring Boot, AWS S3, AWS SNS, and MyBatis.

Project:

React Portfolio Template – Open Source Project

- Live demo: <https://andy8647.com/>
- Source code: <https://github.com/Andy8647/react-portfolio-template>
- Forked an existing React portfolio template and added new features to enhance functionality and user experience.
- Implemented ParticalJs as background, Google Analytics with event channels, blur glass effect, and social media preview meta tags to improve the aesthetics and user engagement.
- Implemented OS level dark theme detection and watch
- Troubleshoot and fixed existing bugs in the template to ensure seamless functionality across different devices and platforms.
- 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.
- Demonstrated strong problem-solving skills and attention to detail in delivering a polished and functional portfolio template.

Education

Bachelor of Science, University of Toronto, Toronto

Sep 2016 – Jun 2021

Computer Science, Statistics and Mathematics