# Skills Summary

**Qianjun(Cheryl) Liang | Software Developer**

[cheryl0516liang@gmail.com](mailto:cheryl0516liang@gmail.com) | [LinkedIn Profile](http://www.linkedin.com/in/qianjun-liang-a27079279) | [GitHub](https://github.com/qianjun-ql) | [Portfolio Website](https://qianjun-ql.github.io/)

Phone: 403-991-9450

Calgary, AB, Canada (Willing to relocate nationwide)

Eligible Holder of Open Work Permit | IELTS Score: 8.0



* Complete exposure with JavaScript MERN programming, with experience in multiple full-stack projects
* Languages: JavaScript, TypeScript, HTML
* Libraries and environemnt: React, jQuery, Node.js, Ajax
* Web Frameworks: Next.js, Express.js
* Framworks and CSS: Ant design, CSS, SASS, Tailwind CSS, Bootstrap
* Familiar with mainstream databases: MongoDB, MySQL, Firebase
* Familiar and can operate with Cloud: Amazon S3 (AWS3) , Google Cloud
* API testing tools: Postman
* Familiar with Linux commands and version control tools: Git, GitHub
* Build tools: vite, webpack
* Proficiency in Agile (scrum) practice with the ability to move from prototyping to front-end and back-end development
* Professional Project Management Certificate (PMP)

# Project experience



## Ecommerce – Next.js Feb. 2024 – Mar.2024

Key Accomplishments: Acomplete system including admin and client-side, from managing products, categories, orders, admins. This system allows admins to CRUD products, category, and allows users to view and buy products.

Technology stack: Next.js, Node.js, NextAuth.js, AWS3, Tailwind CSS, MongoDB, Axios, Stripe

* Front
  + Sort products in newest order by default, automatically refresh page to show product based on different filters (price, date)
  + Created a beautiful animation effect when products adding to cart
  + Implemented update address data and automatically load data in the shipping address when logged in
  + Implemented “like” and “unlike” feature and save to wishlist
* Admin
  + CRUD of products, categories, admin users,
  + Different properties based on different categories
  + Data analytics for orders and revenue based on different time periods
  + Allow switch product images sorting manually
  + Display order payment status from receive of feedback from Stripe
  + Set featured product and shipping fee to be added in payment

## Doctor Appointment Website – MERN Project Jan. 2024 – Feb.2024

Key Accomplishments: Acomplete website, including registration and login modules, user information management, 2 sets of separate access controls, and a booking and payment system.

Technology stack: React, Express.js, MongoDB, Node.js, Tailwind CSS, Cloudinary, Stripe

* Completed the booking appointment module, from price setting, date selection, and Stripe payment
* Developed RESTful APIs following the MVC (Model-View-Controller) architecture pattern to achieve front-end and back-end data exchange
* Created 2 sets of separate access control for doctors and users upon login using JWT
* Encrypted user passwords with bycrpt.js to improve/protect user information security
* Create beautiful structured layout using HTML, CSS to improve overall project aesthetics
* Completed dynamic search module using AJAX and backend APIs to provide real-time search results
* Completed responsive design to fit tablet, desktop, mobile access to improve user experience
* Photo carousel effect with controller to display the user feedback
* Integrate third-party service to send message to website owner from Contact Us form
* Completed the feedback module with dynamic star rating
* User avatar refreshing in real-time by removing localStorage

# PROFESSIONAL EXPERIENCE



## QIMA Inspection Limited Sep. 2021 – Apr. 2023

*Product Manager*

* Led and managed the order management system client website for the business line with $70M annual revenue, ensuring effective support to over 98 % of all business scenarios
* Led and delivered 40+ cross-functional software projects, achieving 100% on-time delivery
* Lead and worked in a scrum team of 6 members and hosted scrum planning and grooming meetings
* Created product prototypes in Figma, product documentationm and user instructions in Confluence

## Smartmore Cooperation Limited Feb. 2020 – Jun. 2021

*Product Manager – Artificial Intelligence*

Led the development and release of the 1st super-resolution algorithm AI platform from 0 to 1

* Led the delivery and iterations of the algorithm SASS platform and more than 10 AI projects
* Defined over 200 user stories of the platform through functional analysis
* Defined and led the development of product benchmarks 5 times faster than the original to 0.2s/frame through technical analysis, making #1 algorithm in the industry

# EDUCATION



## Southern Alberta Institute of Technology – Anticipated graduation December 2024

Calgary, AB

Software Development Diploma GPA 4.0/4.0

# Volunteer experience



## Enactus Sep. 2023 – Present

*Tech Team Member – Enactus SAIT webpage Refactor*

* Refactor the Enactus SAIT webpage via WordPress, including the use of themes and plug-ins
* Test and deploy the webpage via WordPress