Qianjun(Cheryl) Liang | Full-Stack Developer

cheryl0516liang@gmail.com | GitHub | Portfolio Website | LinkedIn Profile
Phone: 403-991-9450
Calgary, AB, Canada (Willing to relocate nationwide)
Professional Project Management Certificate (PMP) | Product Manager(3 years of experience)

SKILLS

- Programming Languages: JavaScript (MERN, ES6+), TypeScript, C#, Python, Java
- Front-end Development: React/Redux, Next.js, jQuery, HTML, CSS, SASS, Tailwind CSS, Bootstrap, Vite.
- Back-end Development: ASP.NET, Python Django, Node.js (Express.js), Restful APIs design, development and integration.
- Databases: MongoDB, MySQL, MSSQL, Firebase, PostgreSQL.
- Cloud Platforms: AWS S3, Google Cloud.
- Testing: Postman, Jest, Cypress, Junit.
- DevOps: Linux, Git (GitHub, GitLab), Docker, CI/CD.
- Agile (scrum): JIRA, Confluence, Figma, Microsoft Office, Trello, Lucidchart, Microsoft Office.

INTERNSHIP EXPERIENCE

65Square, Canada   Jun. 2024 – Present

React Developer

- Integrated all system APIs with Python Django backend, including data integration and real-time updates.
- Implement user authentication and authorization using Redux for global state management.
- Design and execute automated testing case with Cypress.
- Resolve daily bugs, improving system stability and user experience.
- Gathered requirements and designed API architecture, leading to 100% functionality across the system.

PROJECT EXPERIENCE

QJ Social App – React and Spring Boot   May. 2024 – Aug.2024

Key Accomplishments: A social app that allows users to register and login, create, like, save posts, leave comments, follow users, and **IM instant messaging** functionality.
Technology: React, Redux, MUI, Spring Boot, Spring Security, MySQL, JWT, Lombok, Axios, TailwindCSS, Websocket

- Developed **RESTful APIs** to achieve user, post, chat, message, comment, like, and reel CRUD operations.
- Implemented real-time two-way chat messaging using Websocket.
- Managed secure authentication and authorization process using **JWT**.
- Integrated MySQL database to achieve for **relational data storage**.
- Implemented **Redux** for global state management.

Doctor Appointment Website – React.js and Node.js   Jan. 2024 – Feb.2024

Key Accomplishments: Features registration, login, user management, booking system, and Stripe payments.
Technology: React, Express.js, MongoDB, Node.js, Tailwind CSS, Cloudinary, Stripe

- Developed RESTful APIs following the MVC (Model-View-Controller) architecture pattern to achieve front-end and back-end data exchange.
- Implemented **user authentication and authorization** for different user roles.
- Completed dynamic search module using **AJAX** and APIs to provide real-time search results.
- Completed **responsive design** to fit tablet, desktop, mobile access to improve user experience.
- Integrated **Stripe API** to allow payment for the order.
- Managed image uploads for user profiles and documents using **Cloudinary**.

PROFESSIONAL EXPERIENCE

QIMA Inspection Limited   Sep. 2021 – Apr. 2023

Product Manager
- Led the development of the order management system and client website with JavaScript and Java.
- Led **40+ full-stack software projects**, ensuring 100% on-time delivery.
- Led a **scrum team** of 6, facilitating technical solutions to improve system performance by **10%**.
- Developed product prototypes in Figma, gathered detailed product documentation and user instructions.

Smartmore Cooperation Limited   Feb. 2020 – Jun. 2021

Product Manager – Artificial Intelligence Startup
Led the development and release of the 1st super-resolution algorithm AI SaaS platform from 0 to 1.
- Led the development of product benchmarks, improving processing speed by **5x** and achieving top industry performance.

EDUCATION

Southern Alberta Institute of Technology   Calgary, AB

Diploma, Software Development, GPA 4.0/4.0   May 2023 – Dec 2024