

RUI(RACHEL) HU

FRONT-END DEVELOPER | DATA ANALYST | FUTURE ML/AI DEVELOPER

CONTACT

Address : Calgary, AB T3G 0H4

Phone : 587-836-9310

Email : hurui.lcy@gmail.com

WEBSITES

GitHub: <https://github.com/rachel-lcy>

Portfolio Website: <https://porfolio-five-rho-81.vercel.app/>

INDUSTRY SKILLS

Programming Skills:

- HTML5
- CSS
- JavaScript
- Version Control Systems: Git, GitHub
- React.js
- Node.js
- Express.js
- Next.js
- Tailwind CSS

Data & Analytics:

- Python (Pandas, NumPy, Matplotlib, Seaborn)
- SQL
- Data Visualization
- Excel
- API Integration
- Power BI (learning)
- Tableau(learning)

Design Skills:

- Figma
- UI and UX prototyping
- Graphic and User Interface Design
- AI, PS, Canva

PROFESSIONAL SUMMARY

Creative and data-savvy developer with a unique ability to connect design, development, and data thinking. I build accessible, intuitive front-end interfaces that not only look great—but are backed by real insights.

With a foundation in web technologies and a growing focus on machine learning, I aim to bridge user needs and intelligent systems. Whether it's creating seamless UI or visualizing meaningful data, I bring curiosity, clarity, and cross-functional thinking to every project.

Currently expanding into AI-integrated development to shape the next generation of smarter digital experiences.

EDUCATION

Diploma: Interaction Design-web Design and Development, Expected in 08/2025
Southern Alberta Institute of Technology (SAIT) - Calgary, Alberta

PROJECTS

Project 1: Peak Pets Website

Full-Stack Web Development | CMS Integration | Next.js | Authentication

Project Description:

Developed Peak Pets Website, a pet adoption platform utilizing Headless CMS, React (Next.js), API integration, and user authentication. Designed and implemented a scalable and responsive web application with dynamic content management.

Tech Stack: Next.js, React, Tailwind CSS, API Integration, Headless CMS, Clerk Authentication

Key Responsibilities & Achievements:

1. Integrated a Headless CMS to dynamically manage and display pet listings and adoption information.
2. Built a secure user authentication system using Firebase Authentication, allowing users to register and log in.
3. Implemented responsive UI components with Tailwind CSS for seamless cross-device experience.
4. Developed API routes to fetch, update, and manage pet adoption data efficiently.
5. Optimized Next.js server-side rendering (SSR) and static site generation (SSG) for improved performance and SEO.
6. Deployed the application on Vercel, ensuring scalability and high availability.

Computer Skills:

- Microsoft Office suite: Word, Outlook, Excel, and PowerPoint
- Another Software tools: PR, RU

ADDITIONAL INFORMATION

- Like being a volunteer to help people
- Guitar beginner and love music
- Love cooking
- Interested in Makeups and fashions

LANGUAGES

English:

Full Professional

Chinese (Mandarin):

Native or Bilingual

STRENGTHS

Eager to learn new skills

As a person who is starting out, I am constantly seeking for new ways to grow and expand my skill set.

Not afraid of failure

Strong believer in the mantra that we learn from our mistakes.

Extroversion and humor

I hope to bring joy and happy moments of relaxation to everyone amidst the busy workday.

👉 Live Demo: [Peak Pets Website](#)

Project 2: Interactive Web Application Development Front-End Development | Meta Front-End Developer Program

Project Description:

Designed and developed a dynamic interactive web application as part of the Meta Front-End Developer Professional Certificate program. Applied industry best practices to build a responsive and accessible user interface using modern front-end technologies.

Tech Stack: **HTML, CSS, JavaScript, React.js, API Integration, Figma mockup**

Key Responsibilities and Achievements:

1. Developed a fully functional front-end application using React.js, implementing state management and component-based architecture.
2. Designed and implemented a responsive UI using CSS3 and Flexbox/Grid, ensuring cross-device compatibility.
3. Integrated external APIs to fetch and display real-time data dynamically.
4. Enhanced accessibility by applying ARIA attributes and semantic HTML elements, improving usability for all users.
5. Utilized Git & GitHub for version control, following best practices in collaborative development.
6. Conducted unit testing to validate component functionality and ensure application reliability.

👉 Live Demo: [Little Lemon Restaurant](#)

WORK EXPERIENCE

Product Manager 08/2019 to 03/2023

Shenzhen Skywise Technology Co., Ltd. – Shenzhen, China

1. Implemented responsive design principles for optimal UI across devices and screen sizes.
2. Excel work in cross-functional teams to ensure seamless integration of UI/UX components in final products.
3. Managed product design and functionality improvements, increasing sales conversions.
4. Coordinated with back-end developers to align business objectives with user interface design.

Volunteer

Platform Calgary - Calgary, AB

Actively engaged as a long-term volunteer, assisting with event organization and planning while leveraging strong interpersonal communication skills to facilitate teamwork. Consistently exchanging knowledge and insights with peers to stay updated on industry trends and best practices.