# YOLA LIANG

## Career Objective

My career goal as a Web Developer is to create visually appealing, user-friendly interfaces that elevate digital experiences. Committed to staying ahead in IT technologies and design trends, I aim to collaborate effectively with teams to develop responsive and innovative web solutions. Through continual skill enhancement, embracing new challenges, and delivering high-quality code, I seek to contribute significantly to project success and organizational growth, while advancing my career in the ever-evolving realm of web development.

## Qualities, Skills & Attributes

- ✓ Proficiency in React.js, Next.js and TypeScript, enabling the development of efficient, scalable, and responsive web applications.
- ✓ Expert in crafting interactive and visually appealing user interfaces with advanced animations using HTML, CSS, and JavaScript, ensuring a seamless and engaging user experience.
- ✓ Strong ability to build and maintain robust RESTful and GraphQL APIs, contributing to the backend infrastructure of web applications.
- ✓ Experienced in conducting comprehensive user research and usability testing for web platforms to gather actionable insights and drive UI/UX optimisations.
- ✓ Committed to writing clean and efficient code, prioritising maintainability and performance for dynamic user interfaces.
- ✓ Adept at using Docker, Git, and GitLab CI/CD pipelines, enhancing development efficiency and ensuring smooth deployment processes.
- ✓ Results-oriented approach, always striving for the best outcomes, and a fast learner, continuously seeking growth in the ever-evolving field of front-end development.
- ✓ A collaborative team player, eager to provide value and support dynamic teams, while also open to taking on challenging projects that expand expertise and skill set.

## Professional Experience

**Front End Developer**
Mochi Labs, Canberra, July 2023- Oct 2023
Duties:
- Implemented new features following user stories and Figma design with responsive web interfaces, ensuring cross-browser compatibility and optimal user experience.
- Crafted dynamic and interactive web components using React, Next.js and TailwindCSS, enabling fluid and smooth user interfaces. Enhanced code quality and maintainability using TypeScript, in sync with modern development practices.
- Employed Git and GitLab CI/CD pipelines for version control and streamlined code integration and deployment processes.
- Participated in an Agile development team that followed daily stand-ups and weekly iterations, demonstrating flexibility and teamwork in fast-paced environments.
- Collaborated with the development team to seamlessly integrate GraphQL and RESTful APIs, showcasing backend compatibility for comprehensive front-end development.

- Authored and executed test cases using Playwright to maintain high code quality, aligning with continuous improvement values.
- Worked closely with the development team, product managers, and stakeholders to understand project requirements and deliver solutions that met business objectives.
- Collaborated closely with designers to optimise UI/UX, ensuring the creation of user-centric and visually engaging digital products.
- Recognised for timely delivery of high-quality, feature-rich code, reflecting a strong results-oriented work ethic.

## Project Experience

### Personal Portfolio Website
Nov 2023
*Please refer to this link for viewing: https://yolaliang.me/*

- Conceptualised, designed, and developed a dynamic personal portfolio website from sketches utilising advanced technologies such as React, TailwindCSS, and TypeScript.
- Orchestrated server-side rendering and static site generation features of Next.js to optimise website performance, which cut the application loading time by 60%.
- Developed and maintained server-side logic and API development using Node.js, handling backend logic and database interactions.
- Created and implemented responsive web layouts to ensure a consistent experience across various devices, ranging from desktops to mobile devices.
- Managed server-side operations and deployment processes using Linux shell scripting, optimising system performance and automating repetitive tasks.
- Incorporated HTML, CSS, and JavaScript to introduce interactive features, including project galleries, contact forms, and a blog section for sharing industry insights.
- Established effective version control with Git and GitHub to manage and track code changes.
- Deployed the website via Vercel for efficient hosting and distribution.

### YelpCamp Website
June 2023
*Please refer to this link for viewing: https://yelpcamp.com.au/*

- Developed a full-stack web application that allows users to create and review campgrounds, leveraging Node.js, Express, MongoDB, BootStrap, and EJS templates.
- Implemented robust user authentication and authorisation mechanisms to ensure secure user registration and login.
- Created a data visualisation feature using the Google Maps API to display campground locations and enable user interactions.
- Utilised RESTful routing to facilitate smooth navigation and deliver a seamless user experience.
- Deployed the project on Heroku and Vercel for live demonstration.

## Education and Certificates

2022-2023          The Web Developer Bootcamp
A comprehensive web development course covering HTML, CSS, JavaScript, React, Redux, Node.js, MySQL, and other essential technologies.

2019-2021          Master of Professional Accounting          University of New South Wales
Degree awarded with Excellence (WAM:83.8/100)