Yola LIANG
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Career Objective

My career goal as a Frontend 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)