Jason Chan

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Portfolio: https://portfoliopage-8dx.pages.dev/

About

Software Developer with experience in modern technologies such as React, TypeScript, Next.js. Proven ability to adapt quickly, solve complex technical challenges, and collaborate within Agile teams. Seeking a role to contribute to impactful projects and grow as a developer.

Skills

Front-end: HTML, CSS, JavaScript, React TypeScript, Redux, TailwindCSS
Backend: Python(Django, Flask), SQLite, NodeJS, NextJS
General: Git, Responsive design, Figma, Jira, Jest, AWS Amplify, Agile methodologies

Experience

Volunteer Junior Developer · I-Woman (2024-present)

- Designed intuitive mockups and wireframes using Figma to streamline project development.
- Developed API endpoints in Next.js and TypeScript, incorporating AWS Amplify and Contentful for authentication and content storage.
- Built core sections of the website, including authentication and forum functionalities, ensuring reusable and scalable components.
- Collaborated with team members in an Agile environment, using Jira sprints to manage workflows and enhance productivity.
- Conducted comprehensive unit testing on front-end components with Jest, ensuring robust and reliable functionality.

Waiter · Koya (2022-present)

- Adapted to fast-paced, high-pressure situations, improving problem-solving, teamwork, and time management skills.
- Developed strong communication and interpersonal skills through engaging with diverse customers and collaborating with colleagues.

Tutor, Administration · Note Education Consultancy (2020-2022)

- Taught students complex concepts in a structured manner, enhancing technical explanation and mentoring skills relevant to software development.
- Managed and improved the company website, applying front-end development and user experience (UX) principles.

Notable Projects

CV Builder App Github | Website

- Developed a dynamic web application using React, enabling users to craft professional CVs effortlessly.
- Integrated ReactPDF to generate high-quality, downloadable PDF resumes tailored to user input.
- Implemented a live preview feature, allowing users to visualize their CVs before finalizing.

Minigames App Github | Website

- Created a web-based game suite featuring Tic-Tac-Toe, Wordle, and Minesweeper.
- Implemented reusable components to maintain clean, scalable code across multiple games.
- Added score tracking for Tic-Tac-Toe and difficulty levels for Minesweeper, enhancing user engagement.
- Designed a responsive, interactive UI with button animations and mobile-friendly layouts.

Real-Time Chat App Github

- Engineered a full-stack chat application leveraging Django's built-in WebSocket and authentication systems.
- Designed and implemented secure private messaging with real-time data handling and storage via Django models.
- Ensured user authentication and data protection, creating a seamless and secure communication platform.

Education

Advanced React, TypeScript · Scrimba (2024)

- Several courses focusing on React and Typescript
- Learning hooks, React-router and debugging

Web Programming with Python and JavaScript · HarvardX (2023)

- Advanced full-stack web development course
- Learning Python (Django), SQLite, JavaScript, C
- Projects: Email, Wiki, Google Search, E-Commerce, Networking, Websocket Chat apps

CS50's Introduction to Computer Science · HarvardX (2023)

- Learning HTML, CSS, C, Python (Flask), JavaScript
- Solving problems and producing a PR tracker App (Flask, JavaScript, SQLite)

MSci Pharmacology · University College London (2019 - 2023)
Grade acheived: 2:1