Jinmin Cai

**FULL STACK DEVELOPER**

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**CAREER SUMMARY**

Results-driven Full Stack Developer with over 2 years of experience designing and developing scalable web applications. Adept at optimising cross-platform functionality and enhancing user experiences across various devices and browsers. Demonstrated success in developing responsive, high-performance frontend and back-end components that elevate user experience and boost system efficiency. Skilled in creating and deploying RESTful APIs for seamless communication between client-side and server-side systems. Effective team player in Agile environments, collaborating with cross-functional teams, including designers, product managers, and developers. Demonstrated ability to drive project success through effective sprint planning, comprehensive testing, and rapid issue resolution.

**EDUCATION**

**Bachelor of Science in Computer Science /** University of Surrey *09/2020 – 07/2023*

**SKILLS**

* Project Management
* Agile Methodologies
* UX/UI Design
* Data Visualisation
* Requirements Analysis
* User Experience Optimisation
* Team Collaboration
* Quality Assurance
* Technical Documentation
* Stakeholder Engagement
* Performance Tuning
* Process Improvement

**PROFESSIONAL EXPERIENCE**

**FRONTEND DEVELOPER INTERN *7/2024 – Present***

**Risidio / Greater London, England, UK**

* Develop and deploy responsive user interface components using React, TypeScript, and SCSS for a cutting-edge web application in the entertainment industry.
* Partner with UX/UI designers to transform high-fidelity mockups into pixel-perfect, functional code, ensuring design accuracy.
* Optimise the performance of U.I. components and ensure seamless cross-browser compatibility across various devices and screen sizes.
* Design and implement complex navigation systems and interactive elements, elevating user experience and engagement.
* Actively participate in code reviews, contributing to team coding standards and promoting best practices.

***Key Achievements:***

* Delivered a fully responsive and visually dynamic navigation bar, integrating user profile management, status indicators, and fast-travel functionality.
* Implemented a streamlined icon system, boosting load times and maintaining visual consistency across the platform.
* Slashed the CSS codebase by 15% through the integration of SCSS, improving maintainability and reducing style conflicts.
* Contributed to a 20% surge in user engagement by creating intuitive and interactive U.I. components.
* Earned commendation for attention to detail and rapid iteration of designs based on user feedback and A/B testing results.

**FULL STACK DEVELOPER *08/2021 – 08/2023***

**The H.R. Nation Limited / London, UK**

* Contributed to developing scalable software solutions, consistently writing clean, maintainable code for front and back-end systems.

***Key Achievements:***

* Led the design and development of scalable frontend architecture using React, optimising system performance by 30% and delivering seamless user experiences for over 10,000 active users.
* Engineered advanced data handling and visualisation tools with D3.js and Chart.js, boosting data processing efficiency by 40% and supporting stakeholders with enhanced decision-making capabilities.
* Collaborated in cross-functional Agile teams, driving a 25% reduction in project delivery timelines by executing effective sprint planning, comprehensive testing, and rapid issue resolution.

**WEBSITE DEVELOPER INTERN *07/2021 – 09/2021***

**M.I.T. Skills / Woking, U.K.**

* Assisted in developing and maintaining responsive, accessible websites using HTML, CSS, and JavaScript, boosting client engagement by 20%.
* Collaborated with lead developers to integrate new features and functionalities, accelerating website update rollouts by 15%.
* Performed thorough cross-browser and device testing, ensuring 99% uptime and improving overall website performance and quality.

**KEY PROJECTS**

**Skin Cancer Detection System**

* Led the development of a highly accurate skin cancer detection system using Vision Transformer (ViT) technology, achieving 97% accuracy on the ISIC Skin Cancer Challenge 2019.
* Deployed the system as a web application on Azure, providing enhanced accessibility for medical professionals and improving diagnostic capabilities.

**Interactive Market Trends Dashboard**

* Created a dynamic web application to visualise real-time market trends and consumer behaviours.
* Utilised advanced data visualisation tools like D3.js and Chart.js to design interactive charts and graphs, significantly improving business decision-making processes through data insights.

**Advanced Post Management System**

* Developed a responsive web application integrating React, Redux, and RESTful APIs to fetch and display posts from a public API.
* Implemented a user-friendly form for adding new posts, ensuring real-time updates and seamless integration with the post list.
* Leveraged Redux Toolkit for state management and Axios for API requests, enhancing data handling efficiency.
* Optimised user experience with intuitive design, smooth interactions, and robust error handling for improved usability.

**TECHNICAL PROFICIENCIES**

**Web Development**: SQL, HTML5, PHP, JavaScript, CSS, Cross-browser compatible, jQuery, AJAX, Figma, Git

**Frontend Frameworks**: React, React Native, Vue.js, Redux, Node.js, Angular

**CI/CD Tools**: Jenkins, GitLab CI, GitHub Actions

**API Integration**: RESTful APIs, Axios, AJAX

**Programming Languages**: Java, C#/.NET, Python, TypeScript

**Database**: SQL, MariaDB, Oracle

**Data Analytics:** Power BI, Grafana

**Cloud Platforms**: A.W.S., Azure

**Operating Systems**: Linux, Windows, MacOS

**Build Tools**: Vite