Yizhuo Hu

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Technical Skills

Full Stack: TypeScript, React, Next.js, Vite, Axios, Tailwind CSS, Node.js, Express, Bootstrap, MongoDB, Postman
Design: Figma, Photoshop, Retool, Git, WIX, Framer

Personal Strength

Front-end developer with over 2 years of UX/UI experience. Skilled at bridging design and development, accelerating UI implementation, and aligning technical execution with business goals. Expertise in creating user-centric designs, delivering responsive prototypes, and ensuring pixel-perfect front-end development.

Work Experience

Silkroad Visual Technology Co., Ltd. | UI designer | 2021.9 - 2022.10
- Collaborated with developers to translate high-fidelity designs into functional enterprise iPad applications, ensuring seamless integration and pixel-perfect delivery.
- Designed intuitive user interfaces and streamlined workflows to improve user experience and productivity.

Wicresoft Co., Ltd. (Outsourcing to *Microsoft*) | UX designer | 2022.11 - 2023.11
- Conducted user research and analyzed core business needs to optimize product design and user workflows.
- Designed intuitive dashboards and interactive data charts to visually communicate key business metrics, enhancing decision-making efficiency.
- Developed and maintained a unified design system and UI component library, ensuring design consistency and improving development collaboration.

Projects

BP Oil Alert Platform | PaaS | Web | 2022.11 - 2023.11 | Figma, Office 365
- Implemented advanced data visualization features using React and charting libraries, enabling real-time monitoring and decision-making.
- Developed employee safety management modules, ensuring compliance with safety standards and supporting incident review workflows.
- Optimized large-scale data processing and UI performance, enhancing system usability for enterprise users.

Data Visualization Platform | Tools: React, Vite, Rechart.js
Description: Developed an interactive chart platform using the Recharts library to visualize key business metrics, supporting various chart types (e.g., line, bar, pie) and dynamic data updates.
- Built reusable chart components with Recharts, supporting dynamic updates into React-based applications.
- Optimized rendering algorithms to handle large datasets efficiently, ensuring smooth user interactions.
- Enhanced interactivity with advanced features like tooltips, zooming, and filtering for a better user experience.

File Preview Tool | Tools: React, webpack, PDF.js
Description: Built a PDF file preview tool using PDF.js, supporting multi-page navigation, text selection.
- Integrated PDF.js for multi-page PDF rendering, enabling text selection, zooming, and cross-browser compatibility.
- Implemented a PDF.js web viewer with text highlighting, annotations, and navigation features.
- Customized user interface to optimize the toolbar's interaction logic and improve usability.
- Debugged and resolved rendering performance issues for large and complex PDF files, ensuring smooth previews.

Educations & Certifications

2017.9 - 2021.6 || Luxun Academy of Fine Arts || Digital Media Art || Bachelor Degree (WES)
2024.1 - 2025.4 || Bow Valley College || Software Development || Diploma Degree (Canada)

Languages & Others

Languages: Fluent in English (written and spoken), Native in Mandarin
Others: - Enthusiastic about exploring emerging front-end technologies and frameworks to deliver user experiences.