

# 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**

- Partnered with developers to translate high-fidelity designs into functional enterprise iPad applications, streamlining workflows and enhancing user productivity.
- Designed intuitive user interfaces and optimized user interactions, ensuring seamless usability and business alignment.

### **Wicresoft Co., Ltd. (Outsourcing to *Microsoft*) | UX designer | 2022.11 - 2023.11**

- Conducted user research and analyzed business requirements to refine digital workflows and improve product efficiency.
- Designed interactive dashboards and data-driven UI components, enabling real-time business insights and enhanced decision-making.
- Built and maintained a unified design system and UI component library, improving consistency and cross-team collaboration.

## Projects

### **BP Oil Alert Platform | PaaS | Web | 2022.11 - 2023.11 | Figma, Office 365**

- Developed advanced data visualization components to support real-time monitoring and enterprise decision-making.
- Designed and implemented employee safety management modules, integrating compliance and incident tracking features.
- Optimized UI performance for handling large-scale datasets, improving user experience in enterprise applications.

### **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 an interactive charting platform that visualizes key business metrics using Recharts.
- Developed reusable chart components supporting real-time data updates and dynamic filtering.
- Optimized rendering performance for large datasets, ensuring smooth and efficient user interactions.

### **File Preview Tool | Tools: React, webpack, PDF.js**

Description: Built a PDF file preview tool using PDF.js, supporting multi-page navigation, text selection.

- Developed a PDF preview tool supporting multi-page navigation, text selection, and zooming.
- Integrated PDF.js for efficient document rendering and improved cross-browser compatibility.
- Enhanced UI interactions by implementing features like annotations and customized toolbar navigation.

## 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.