Yizhuo Hu

yizhuo.hu1998@gmail.com | yizhuo.org (portfolio) | https://github.com/GavinHu1998

Technical Skills :

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

Portfolio : https://yizhuo.org/

Personal Strength :

A frontend developer with UX/UI experience. Strong at independently delivering end-to-end solutions from design to development. Able to understand business needs, break down requirements into reusable design and front-end components, and ensure both visual quality and technical efficiency.

Canada Volunteer Experience :

65square | UI+Frontend (hybrid) | 2025.1 – 2025.08
- Developed reusable front-end components and design templates, ensuring a consistent visual style.
- Collaborated with product managers to refine PRD specifications, optimizing interaction workflows and aligning them with technical feasibility.
- Translated Figma design structures and interaction logic into responsive frontend code, improving development efficiency.

Work Experience :

Wicresoft Co., Ltd. (Outsourcing to *Microsoft*) | Frontend + UX (hybrid) | 2022.11 - 2023.11
- Translated user journeys, personas, and service blueprints into functional UI components, helping designers and engineers maintain a shared understanding of requirements.
- Built responsive wireframes, interactive prototypes, and reusable UI components in React and Figma, ensuring consistency with enterprise-level design systems.
- Implement data visualizations and charts using libraries such as D3.js, or Chart.js to display complex data in intuitive, interactive formats.
- Developed server-side applications and RESTful APIs using Node.js and Express to implement efficient CRUD operations.
- Skilled in managing deployments and ensuring seamless delivery of updates using Jenkins CI/CD pipelines and Docker.

Silkroad Visual Technology Co., Ltd. | Frontend + UI (hybrid) | 2021.9 - 2022.10
- Translate business and user requirements into simple, meaningful design solutions.
- Worked closely with product managers and engineers in Agile sprints to ensure design feasibility, and maintainability in real-world implementations.
- Design, build, reusable UI components and frontend libraries and delivered Figma lofi and hifi designs, and implemented them into responsive, modular HTML/CSS/JavaScript components.
- Fix code bugs in a timely manner while working of solving more complex issues.

Projects :

Data Visualization Component | Tools: React, Vite, Rechart.js, Figma
Description: Developed an visual chart component using the Recharts library to visualize key business metrics, and supporting various chart types.
- Refined and implemented reusable chart components by interpreting product requirements and translating them

into Figma design outputs, then pass through design reviews to ensure consistency design system.

- Designed and implemented a configurable chart component framework, enabling product teams to generate diverse visualizations (line, bar, pie) through a unified API.
- Developed custom Tooltip and interactive elements to enhance usability beyond Recharts' defaults.
- Implemented performance tuning strategies (lazy loading, code-splitting) to ensure smooth dashboard rendering.
- Resolved memory leak issues in dashboards by auditing event listeners and cleaning up subscriptions.

File Preview Feature | Tools: React, Webpack, PDF.js

Description: Implemented PDF preview feature in a web application, focusing on efficient rendering with the existing system.

- Designed and implemented a PDF preview feature within a large-scale web application, enabling smooth multi-page navigation, zooming, and text selection.
- Optimized rendering performance for large and complex PDF files by applying lazy page loading and caching strategies, reducing memory usage and improving responsiveness.
- Configured Webpack to separate PDF.js workers, ensuring stable builds and minimizing bundle size.
- Customized the UI and refined the toolbar interaction logic by analyzing user flows, creating wireframes, and aligning components with the project's design system to enhance usability.

VR House Tour Prototype (Three.js)

GitHub Link : https://github.com/GavinHu1998/Three.js-Virtual-Tour-Project.git

Cleaning Service Management App (React Native)

GitHub Link : https://github.com/GavinHu1998/Mobile-Field-Service-Management-App-Open.git

Library Management SPA (React)

GitHub Link : https://github.com/GavinHu1998/Book-management-frontend.git

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)