

DAVID WANG

FRONTEND DEVELOPER

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PROFESSIONAL SUMMARY

A passionate Frontend Developer with 3 years of experience specializing in the React ecosystem. Proficient in building high-performance, maintainable, and user-friendly web applications using React, TypeScript, and Next.js. Experienced in the complete development lifecycle from requirement analysis and UI/UX collaboration to frontend architecture design and deployment. Successfully **reduced project loading time by 40%** and **improved team development efficiency by 15%** in past experiences.

PROFESSIONAL EXPERIENCE

Frontend Developer | ABC Technology Co.

June 2022 – Present

- E-commerce Platform UI Refactoring:**
 - Led the frontend architecture refactoring of a large-scale e-commerce website using **Next.js** and **TypeScript**, migrating from traditional Client-Side Rendering (CSR) to Server-Side Rendering (SSR) and Static Site Generation (SSG)
 - Quantified Achievement:** Successfully **reduced First Contentful Paint (FCP) time by 40%** and **improved Lighthouse SEO score from 85 to 98**
 - Reduced main bundle size by 30% through **Code Splitting** and **Dynamic Imports** techniques
- Component Library Development & Maintenance:**
 - Built and maintained an internal component library containing over 50 reusable components using **Storybook**
 - Quantified Achievement:** Standardized UI/UX across product lines, **reduced duplicate code by 25%**, and **improved new feature development efficiency by approximately 15%**
- Development & Testing Process Enhancement:**
 - Introduced **React Testing Library** and **Jest** for unit and integration testing, increasing frontend code test coverage from 20% to 75%
 - Configured **ESLint** and **Prettier** rules and integrated them into CI/CD pipeline, ensuring consistent team code style

Junior Frontend Developer | XYZ Startup

July 2020 – May 2022

- Backend Management System Development:**
 - Developed and maintained internal data management dashboard using **React** and **Redux Toolkit**, integrating RESTful APIs for CRUD operations
 - Collaborated closely with backend engineers and UI/UX designers to transform complex business requirements into intuitive and user-friendly interfaces
- User Experience Optimization:**
 - Responsible for performance optimization of an existing project, successfully resolved multiple unnecessary re-rendering issues using **React.memo** and **useMemo/useCallback** hooks
 - Quantified Achievement:** **Reduced user-reported interface lag issues by 60%**

TECHNICAL SKILLS

- Core Languages:** JavaScript (ES6+), TypeScript, HTML5, CSS3/SCSS
- Frameworks/Libraries:** React, React Hooks, Next.js, Redux (Redux Toolkit), Zustand, React Query (TanStack Query)
- Testing Tools:** Jest, React Testing Library, Cypress
- UI/UX:** Styled-Components, Tailwind CSS, Material-UI (MUI), Storybook, Figma
- Development & Deployment Tools:** Webpack, Vite, Git, CI/CD (GitLab CI/Jenkins), Docker, Vercel
- Others:** RESTful APIs, GraphQL (Apollo Client), WebSocket, Performance Optimization, Responsive Web Design

PERSONAL PROJECTS

React-Notion-Blog

- A personal blog built with **Next.js**, **TypeScript**, and **Notion API**
- Key Features:**
 - Used Notion as CMS, enabling article publishing without redeployment
 - Implemented **ISR (Incremental Static Regeneration)** strategy, balancing static site performance with content timeliness
 - Created clean and responsive design using **Tailwind CSS**

EDUCATION

National Sandal University | Computer Science | Bachelor's Degree

September 2016 – June 2020