Wenduo Wang

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PROFESSIONAL SUMMARY

Full-stack developer experienced in React, Next.js, Node.js, Prisma, etc., with a strong focus on building scalable and maintainable web applications.

Proficient in building scalable web applications, integrating APIs, and implementing responsive front-end solutions.

Willing and able to relocate for work opportunities.

Key contributor in academic and commercial projects, delivering secure, efficient, and user-friendly software.

Passionate about problem-solving, Agile development, and collaborative teamwork.

TECHNICAL SKILLS

Frontend: React.js, Next.js, JavaScript(ES6+), TypeScript (working knowledge), Three.js, HTML5, CSS3, Responsive Design
Backend: Node.js, Prisma ORM, RESTful API, PostgreSQL/MySQL
Tools & Deployment: Git/GitHub, Docker, EC2/Vercel, npm/pnpm
Others: Agile Development, Problem Solving, Cross-cultural Collaboration

WORK EXPERIENCE

Software Engineer Intern   November 2024 – February 2025
Soon Meta   *Remote*

- Developed backend management frontend pages using Vue.js with TypeScript, improving internal data visualization and user interface interactions to streamline operational workflows.
- Built the blog module for JobABC website using TypeScript with Next.js for frontend and NestJS for backend; managed database operations with Prisma and MySQL, ensuring responsive, type-safe, and maintainable code.
- Collaborated closely with other developers in a large-scale commercial project, following Git-based feature branch workflow; worked on individually assigned branches for new features, conducted code reviews, and merged completed work into the main branch, gaining hands-on experience in collaborative development, version control, TypeScript best practices, and professional software engineering processes.

PROJECTS

Three.js 3D Model Loader Demo | *Three.js, Vanilla JS*
- Interactive 3D viewer built with Three.js, featuring orbit controls and a GUI panel for customization
- Explore 3D object manipulation and interactive visualization techniques
- GitHub: github.com/shuttle666/threejs | Demo: threejs-one-dun.vercel.app

Recipe Manager | *React*
- React-based recipe management app with real-time editing capabilities and modern UI design
- Designed responsive components for seamless cross-device experience
- GitHub: github.com/shuttle666/Recipes | Demo: recipes-one-azure.vercel.app

Login & Register System | *Node.js, PostgreSQL, Docker*
- Developed a secure JWT-based login system with video streaming capabilities
- Containerized using Docker for deployment and scalability
- GitHub: github.com/shuttle666/loginRegister | Demo: login-and-register-demo

World Clock | *React*
- React-based world clock with multi-timezone display, theme switching, and glassmorphism design
- Created responsive UI components for seamless user experience across devices
- GitHub: github.com/shuttle666/World-clock | Demo: world-clock-seven.vercel.app

TaxPal Clone - Learning Project | *Next.js*
- Responsive TaxPal website clone built using Next.js and React
- Implemented modern design patterns and interactive UI components
- GitHub: github.com/shuttle666/taxpal | Demo: taxpal-app-demo

EDUCATION

The University of Adelaide   Adelaide, SA

Master of Computing and Innovation   *Expected December 2025*

- GPA: 5.56 / 7 (Distinction-Credit average)
- Relevant Courses: Software Engineering & Project Management, Operating Systems, Secure Software Engineering, Computer Networks & Applications, Mining Big Data, Algorithm & Data Structure Analysis, Hot Topics in IoT Security, New Venture Creation
- **MCI Project: CI3 Academic Information Aggregation & Analysis Platform** – Full-stack application aggregating Google Scholar, Scopus, and ORCID data for author profiling, citation trends visualization, and CSV export. Implemented front-end with React + Vite and Recharts; back-end with Node.js + Express and third-party APIs; containerized deployment using Docker. Led overall architecture design, core feature implementation, API integration, interactive visualizations, and performance optimization.
- Project Management Foundation: Applied Agile principles to manage team projects, including task allocation, timeline tracking, and collaborative development.