Wenduo Wang

Adelaide, SA | **Relocating to Melbourne, Sydney, Brisbane, or Western Australia**
Work Authorization: Full working rights in Australia (Subclass 485 Visa)

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LinkedIn: linkedin.com/in/wenduo-wang-cs   GitHub: github.com/shuttle666

PROFESSIONAL SUMMARY

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

Proven ability in building responsive front-end solutions, integrating RESTful APIs, and implementing secure backend architectures.

Passionate about problem-solving in Agile environments and delivering high-quality software through collaborative teamwork.

TECHNICAL SKILLS

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

WORK EXPERIENCE

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

- Developed backend management pages using **Vue.js and TypeScript**, optimizing internal data visualization and streamlining operational workflows.
- Engineered a blog module for the **JobABC commercial website** using **Next.js and NestJS**, ensuring type safety and maintainability through **Prisma and MySQL**.
- Collaborated in a large-scale commercial environment following a **Git-based feature branch workflow**, conducting code reviews and maintaining version control best practices.

PERSONAL 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 real-time model customization.
- GitHub: github.com/shuttle666/threejs | Demo: threejs-one-dun.vercel.app

Login & Register System | *Node.js, PostgreSQL, Docker, JWT*

- Developed a secure **JWT-based login system** with video streaming capabilities and containerized deployment via **Docker**.
- GitHub: github.com/shuttle666/loginRegister

Recipe Manager | *React*

- React-based management app with real-time editing and responsive UI components for cross-device compatibility.
- GitHub: github.com/shuttle666/Recipes

World Clock | *React*

- Multi-timezone display featuring glassmorphism design and theme switching using modern React patterns.
- GitHub: github.com/shuttle666/World-clock

TaxPal Clone | *Next.js, React*

- Responsive website clone built with **Next.js**, implementing modern design patterns and interactive UI components.

- GitHub: github.com/shuttle666/taxpal

Education

The University of Adelaide Adelaide, SA

Master of Computing and Innovation (GPA: 5.75 / 7) *Expected December 2025*

- **Capstone Project: CI3 Academic Information Aggregation Platform** – Full-stack application aggregating data from **Google Scholar, Scopus, and ORCID** for author profiling.
- Implemented frontend with **React + Vite and Recharts**; backend with **Node.js + Express**; containerized using **Docker**.
- Led architecture design, API integration, interactive visualizations, and performance optimization for CSV export.
- Relevant Courses: Software Engineering, Secure Software Engineering, Algorithm Analysis, Mining Big Data.