Alex Xu

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Key skills

- React
- Node
- REST APIs
- TypeScript
- Next.js
- Python
- C
- MySQL
- Git/GitHub
- Docker

Education

Master of Computing and Innovation from The University of Adelaide
Expected Jul 2026

Bachelor of Physical Education from Yanbian University
Graduated 2022

Coursework

Web & Database Development · Software Engineering · Data Structures & Algorithms

Availability: Available 16-20 hrs/week during semester, full-time during breaks.

Summary

Master of Computing and Innovation student with hands-on full-stack experience. Skilled in React, Next.js, Node.js, and MySQL; familiar with REST APIs, Git/GitHub, and Docker. Seeking a web development internship (Adelaide or remote in Australia) to contribute quickly and grow on real-world projects.

Projects

Adelaide Neighbourhood Hub (Personal project)
Sep 2025 – Now

- A full-stack **Next.js + Node.js** web app aggregating Adelaide's EV charging stations, public transit (GTFS), and planning applications into a single interactive platform.
- Designed interactive MapLibre GL UI with real-time popups and Google Maps integration.

Tech: Next.js, TypeScript, Node/Express, REST APIs, Vercel, Render.
Links: **GitHub** | **Live Demo**

Web Portfolio (Personal portfolio)
Sep 2025

- Customised an open source React template to build a responsive personal portfolio website.
- Implemented tailored sections for project showcases, integrated deployment pipeline, and optimised UI with Tailwind CSS.

Tech: React, Next.js, Tailwind CSS, Vercel
Links: **GitHub** | **Live Demo**

No-Code Solution for InfluxDB (Team Project)
Jul 2025 – Nov 2025

- Collaborated in an 8-person team to design a web interface for time-series data querying and visualisation. Integrated Grafana dashboards and Dockerised environment under team guidance.
- Practised Agile **methods** (**Scrum**, **Jira**) and version control with GitHub to deliver incremental features.

Tech: React.js, Node/Express, InfluxDB OSS v2.7, Grafana v9.5, REST APIs, Docker.
Links: **GitHub (internal)**