

Aaron Hu

Software Engineer



EXPERIENCE

Professional Development & Career Break May 2025 – Present

- Pursued advanced self-study and professional upskilling in Large Language Models (LLMs), modern full-stack technologies (e.g., Next.js, TypeScript enhancements, and cloud deployments on AWS/GCP), and AI integration to stay current with industry trends post-company transition.
- Built and contributed to personal/open-source projects, including enhancements to AI-driven applications and automated testing tools, maintaining hands-on experience with Node.js, React.js, Docker, and LLM frameworks.
- Explored freelance opportunities and contributed to community projects, focusing on voice AI and regression testing for emerging tech products.
- Completed online certifications/courses (e.g., advanced AWS/GCP modules or LLM-specific specializations) to deepen expertise in scalable AI systems.

Software Engineer, [YourAnswer](#), SA Jan 2023 - April 2025

Node.js/Typescript/React.js/Large Language Model(LLM)/AWS/GCP/Git/Docker/Linux/Jenkins/Jira

- Developed an AI voice assistant using LLM to enhance enterprise client products, boosting user interactions by 30-50%.
- Integrated AI voice assistant with Call Center, automated operator based on LLM
- Developed an automated regression test suite for LLMs, ensuring consistent and optimal user experience.
- Developed and managed an internal feedback reporting system for new product testing.
- Full-Stack development, ensuring a robust user experience.
- Worked with QA and executives to resolve issues, ensuring high-quality release cycles.

Full-Stack Developer, Freelancer, [Chinese Christian Church](#) / [XtraCareAutoDetailing](#), Adelaide, SA Jan 2022 - Apr 2023

React.js/WordPress/MySQL/AWS/Docker

- Offer technical consultancy and web development services, specializing in React.js, WordPress and AWS EC2 implementations.
- Deploy and manage websites on functionality, design, performance, and security, using Docker for streamlined maintenance.
- Maintain strong client relationships through effective communication and support, leading to referrals and repeat business.

Software Developer, [University of Adelaide](#), Adelaide, SA Jul 2022- Oct 2022

Course Mentor, [University of Adelaide](#), Adelaide, SA Mar 2022- Jul 2022

Software Engineer Intern Jan 2019 - Apr 2019

Software Engineer Intern Aug 2018 - Dec 2018

SKILLS

Languages & Frameworks: TypeScript, JavaScript, Node.js, React.js, HTML/CSS

AI/LLM: Large Language Models (integration, testing, voice assistants), Prompt Engineering

Cloud & DevOps: AWS (Certified Cloud Practitioner), GCP, Docker, Git, Jenkins, Linux

Other: Jira, MySQL, WordPress, Raspberry Pi/IoT projects

EDUCATION

The University of Adelaide – Master of Computer Science – GPA: 6.13/7 (88%) 07.2020 - 07.2022

China West Normal University – Bachelor of Computer Science 2017 - 2019

Participant, Data Structure & Algorithm Interview Boot Camp - [Ravi's Study Program](#) 11.2022 - 02.2023

- Completed an intensive program with over 600 LeetCode problems solved (primarily Medium/Hard levels in JavaScript/TypeScript), emphasizing real-world interview preparation.

Member - [Uni Adelaide Competitive Programming Club](#) - 2020-2022

- Actively participated in frequent practice contests, training workshops, and internal competitions organized by the club, focusing on advanced algorithms, data structures, and problem-solving under time constraints.
- Competed regularly in club-hosted events and external platforms (e.g., Codeforces, AtCoder, LeetCode contests), honing skills in efficient coding and optimization techniques.
- Contributed to team preparation for regional competitive programming events, including discussions on complex problems and collaborative strategy sessions.
- Engaged in club activities such as mock interviews, tech talks, and social events to build networks within South Australia's competitive programming community.

PROJECTS

Algorithm Practice (2025): Solved 200+ LeetCode problems (medium/hard levels) in JavaScript/TypeScript, focusing on data structures and system design.

[AutoAirCon](#): Designed and developed a hardware and software on Raspberry Pi to turn on/off Aircon via infrared emitter on the change of temperature sensor readings, also connected to HomeKit.

[myGuard](#): Designed and developed a motion sensor-based lightweight indoor surveillance system, and optimized low latency streaming.

[Zettlr](#): Contributed to an open-source repo of a markdown editor with 10+k stars on GitHub by Electron and [Vue.js](#).

CERTIFICATION

[AWS Certified Cloud Practitioner](#)

References available upon request.