

Roy Li

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CAREER PROFILE

First-Class Honours Graduate in Computer Science from the University of Adelaide. Skilled full-stack developer with a keen eye for aesthetics, specializing in frontend development and intuitive UI/UX. Experienced in full-stack development, from system architecture design to cloud infrastructure management. Based in Adelaide with full working rights and willing to relocate, seeking challenging opportunities to drive innovation.

SKILLS

Full-Stack Development

- Front-end: [Next.js](#), [React.js](#), [Vue.js](#), [Svelte](#)
- Back-end: [Django](#), RESTful APIs, [Node.js](#)
- Database: [MySQL](#), [MongoDB](#), [ChromaDB](#)

UI/UX

- Tools: [Figma](#), [Sketch](#)

DevOps

- CI/CD: [Git](#), [Docker](#), [Github Actions](#)
- Testing: [Selenium](#), [pytest](#), [Postman](#)
- Cloud: [AWS](#) (EC2+S3+Lambda), [Azure](#) (VMs)

Other

- Other: [Jira](#), [Scrapy](#), [Javascript](#), [Typescript](#)

EXPERIENCE

- **ExpertEaseAI** Adelaide, SA
Full Stack Developer | Contractor May 2024 - Present
 - Developing and maintaining a **RAG-based** conversational AI platform using **LangChain** and **LLMs**.
 - Creating responsive front-end interfaces with **Next.js**, **React.js**, and **Node.js**, ensuring optimal accessibility for cross-platform compatibility (**CSS Flexbox**).
 - Independently executing end-to-end development from design to deployment, applying UI/UX tools (**Figma**) and AI developing tools (**Cursor**) to significantly enhance workflow efficiency.
 - Extending the **Django** back-end by implementing microservices using **RESTful APIs**.
 - Supporting configuring **Docker**, **CI/CD pipelines** and **AWS** (EC2+S3) for automated deployment.
- ▲ **Lighthouse Holidays** Remote
Project Coordinator, Test Engineer and Developer | Freelance Nov 2023 - Mar 2024
 - Developed and deployed an **ERP system** for a travel agency, featuring user interface, search functions, order management, and **e-commerce integration** using **Nuxt.js**, **Vue.js**, **Django**, **MySQL** and **Azure**.
 - Assembled and led a four-member team, adopting **agile methodologies** (**Git** & **Jira**) for management.
 - Conducted **requirements analysis**, facilitated communication with clients to ensure seamless delivery.
 - Designed and executed test plans, performed **unit testing** and **regression testing**, configured essential **Azure** services and **CI/CD pipelines**, ensuring system reliability and efficiency.

PROJECTS

- ◆ **An NLP and LLM based Auto Form-Filling Method** Jul 2022 - Jun 2023
Honours Year Research Project
 - Conducted independent one-year academic research on Natural Language Processing and LLMs.
 - Pioneered one of the first auto systems integrating large language models, and created an efficient auto form-filling solution through innovative AI approaches.
- **Open-source Project Troubleshooting (OpenMMEngine by OpenMMLab)** Mar 2023 - Jun 2023
Group Project, Team Member (Root Cause Analysis & Unit Testing)
 - Collaborated with the open-source community to resolve issues related to incorrect learning rates.
 - Implemented logging system, performed unit testing and breakpoint debugging to identify root causes.

EDUCATION

Honours Degree of Bachelor of Computer Science The University of Adelaide
GPA 7.0/WAM 88.5 | Award: First Class Honours 2022 - 2023
Bachelor of Computer Science (Cybersecurity Major) 2019 - 2022

REFERENCES AVAILABLE UPON REQUEST