

CAREER PROFILE

First-Class Honours Graduate in Computer Science from the University of Adelaide. Demonstrated hands-on experience with Frontend Development and UI/UX Design, along with extensive skills in Cloud Operations and Backend Development. Aiming for a role that fosters challenges and innovation. Based in Adelaide with valid visa and full working rights.

SKILLS

Full-Stack Development

- Front-end: [Next.js](#), [React.js](#), [Vue.js](#)
- 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**

Full Stack Developer | Contractor

 - 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 UI/UX for cross-platform compatibility (**CSS Flexbox**).
 - Independently applying **UI/UX design principles** to create intuitive and accessible user interfaces while adhering to modern design standards and best practices.
 - Extending the **Django** back-end by implementing microservices using **RESTful APIs**.
 - Supporting configuring **Docker**, **CI/CD pipelines** and **AWS** (EC2+S3) for automated deployment.

Adelaide, SA

May 2024 - Present
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Lighthouse Holidays

Project Coordinator, Test Engineer and Developer | Freelance

 - 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.

Remote

Nov 2023 - Mar 2024

PROJECTS

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An NLP and LLM based Auto Form-Filling Method

Honours Year Research Project

 - Conducted independent one-year academic research on Natural Language Processing and LLMs.
 - Developed a RAG-based auto form filling system, optimized the workflow with multiple strategies (ReRank, Chunking, Metadata Filtering, Prompt Engineering, etc).

Jul 2022 - Jun 2023
- **Open-source Project Troubleshooting (OpenMMEngine by OpenMMLab)**

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.

Mar 2023 - Jun 2023

EDUCATION

Honours Degree of Bachelor of Computer Science

GPA 7.0/WAM 88.5 | Award: First Class Honours

Bachelor of Computer Science (Cybersecurity Major)

The University of Adelaide

2022 - 2023

2019 - 2022