





Henry Jiang

Software Engineer

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EXPERIENCE

HONEYWELL | SOFTWARE ENGINEER II(FULL STACK)

July 2021 – Current | Adelaide, Australia

- Took charge of front-end development and refactoring efforts for Honeywell Sine's automation framework.
- Utilized **React**, **REST APIs**, **Node.js** and **MongoDB** to implement new features in the automation framework.
- Developed and maintained automated tools for developers, using **Python** and **Typescript**.
- Conducted unit tests and end-to-end tests for features with **Selenium** and **Cypress**.
- Participated in the **on-call** rotation, responding to incidents and triaging them using **AWS Cloudwatch**. Created incident reports and followed up with developers to ensure timely resolution.
- Frequently used **Docker** to manage multiple environments.
- Actively participated in code reviews and pair programming sessions.

ADELAIDE MRI | SOFTWARE ENGINEER(FULL STACK)

May 2019 – July 2021 | Adelaide, Australia

- Spearheaded front-end development efforts from design to implementation for the successful launch of RadPay as Adelaide MRI's internal payroll system. Utilized **React**, **Redux**, and **GraphQL** to achieve project objectives.
- Independently designed and developed new user interfaces for RadReport(Adelaide MRI reporting system), using **Angular** and **Figma**.
- Designed and developed **REST APIs** and **Postgres** databases for multiple features.
- Significantly improved user experience and reporting speed for Adelaide MRI's reporting system by refactoring the user interface using **Angular**, **NgRx**, and **rxjs**.
- Collaborated closely with team members to handle rapidly changing requirements.
- Observed user behavior and provided valuable insights to enhance feature usability.
- Assisted in onboarding and mentoring junior developers.

OPENTUTE | FULL STACK DEVELOPER(FRONT END FOCUSED)

December 2017 – May 2019 | Adelaide, Australia

- Collaborated closely with product managers and designers to implement a new user interface for the entire app using **Angular**, **Typescript**, and **Less**.
- Offered valuable UI suggestions to enhance user experience, which were implemented independently.
- Worked closely with backend developers to launch new features for customers using **Node.js** and **REST APIs**.
- Ensured cross-platform optimization and mobile device responsiveness for the app.

SKILLS

PROGRAMMING

Proficient:

Typescript • Javascript • Python • CSS/HTML • SQL • REST API • Postgres

Experienced:

Redux • NgRx • Rxjs • GraphQL • MongoDB • Redis • NoSQL • C# • JAVA • PHP • Less • Sass

LIBRARIES/Frameworks

React • Angular • Node.js • Flask • Cypress • Selenium

TOOLS/PLATFORMS

Git/Bitbucket • AWS • Webpack • Docker • Gitlab/JIRA • Jenkins

EDUCATION

UNIVERSITY OF ADELAIDE

MASTER OF SOFTWARE ENGINEERING

Sep 2015 – Nov 2017 | Adelaide, Australia

HONG KONG BAPTIST UNIVERSITY

BACHELOR OF COMPUTER SCIENCE AND TECHNOLOGY

Sep 2011 – July 2015 | Hong Kong, China

LANGUAGES

English – Fluent
Mandarin – Native

VISA

Permanent Residency

RELOCATION

Willing and able to relocate to Melbourne for the right opportunity