Max (Sufan) Xia

Summary

A highly skilled software engineer with 2 years of experience specialising in both front-end and back-end web application development. With robust technical skills in Java, JavaScript (React) and more. Demonstrated ability to timely deliver successful projects within an agile development environment.

Education

2016 - 2018	**The University of Melbourne**
	Major: Bachelor of Science (Software and Engineering Systems)
2020 - 2023	**The University of Melbourne**
	Major: Master of Engineering (Software)

Skills

Languages:	**Java**, **JavaScript,** TypeScript, Python, PHP, C, C#
Web tech:	**React**, Next, Node, **Restful API**, HTML5, CSS3, jQuery, GraphQL, MUI,
Bootstrap Database:	**MySQL**, Redis, MongoDB
Version Control:	Git/GitHub, Docker
Project Management:	Swagger, Confluence, Trello, MS Project, Jira
Testing:	Postman, Jest, JUnit
CI/CD and Cloud:	CircleCI, AWS, Heroku, Clever Cloud, Render, Gitlab

Work Experience

ICG Groups Pty Ltd, Melbourne   01/2019 - 12/2019   **Web Developer Intern**

Description: Development of the company's student management system

- Participated in database entry, maintenance, and system testing
- Assisted in refining system functionality and user interface improvements
- Supported the integration of third-party APIs to enhance system capabilities
- Contributed to the development of new features based on user feedback

Luck Technology Co Ltd, Nanjing China   01/2021 - 12/2021   **Software Engineer**

Description: Provided ad hoc technical support and managed server configurations

- Oversaw system installations and managed environment dependencies to enhance infrastructure
- Developed custom VBA macros to optimise internal processes and improve productivity
- Actively participated in the company's Android app prototyping and development
- Implemented automation to enhance CI/CD processes, leading to more efficient code deployments
- Used Jest for unit testing, ensuring code reliability and reducing bugs in production
- Engaged in troubleshooting and resolving critical production issues to maintain operational stability

Projects

Navigation App (Android):
Description: Led the development of a navigation application tailored for senior users
Technologies: Android Studio, Java, Google Maps API
- Developed a user-friendly interface and integrated the Google Maps API for intuitive navigation.
- Conducted user testing to ensure ease of use and reliability.

Twitter Keyword Analytics App (Next.js, Docker):
Description: Created a real-time Twitter analytics tool for monitoring keyword usage in Melbourne area.
Technologies: Django, Next.js, Docker, Node.js
- Engineered data retrieval and analysis of Twitter keywords through a web interface.
- Utilised Docker for reliable and scalable cloud deployment.

Warehouse Management Web App (React, Express, MySQL, Windows Server):
Description: Designed a management system to streamline the tracking of company equipment.
Technologies: React, Express, MySQL, Windows Server
- Developed a React-based front end and Express-powered RESTful backend with a relational database for robust data management.
- Designed a custom login system and user interface for efficient recording and querying of equipment movements.

AsiaLink Website Redesign (Next.js, Redis, MongoDB):
Description: Collaborated in transforming the AsiaLink website into a dynamic and interactive platform showcasing art exchange initiatives.
Technologies: React, Next.js, Redis, MongoDB
- Focused on achieving dynamic front-end experience.
- Contributed to the development of new features based on user feedback.

Certificates

ACS Certified ICT Professional	2023.04.12
NAATI interpreter (Mandarin and English)	2023.04.30
Platform-certified content creator (1 million subscribers on TikTok)	2019.12.07