Sen Li

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EMPLOYMENT

Contract,
Software Engineer,
Linway Consulting
Sep 2023 – Apr 2024

- Develop and implement **CI/CD pipelines** with GitHub Actions, significantly advancing DevOps practices and accelerating the software development lifecycle.
- Designed, implemented, and maintained an automated IFTI (international funds transfer instruction) report system using **Java Spring Boot**, **Vue, and Docker.**
- Contributed actively to the Open Banking Project and managed and optimised the Consumer Data Rights (CDR) platform.

Contract,
Data Developer,
BizCover
Oct 2022 - May 2023

- Built and maintain the SQL Exception Framework from scratch in **SSMS and Snowflake**, including data analysis, data modelling.
- Utilize **Agile development** tools such as Jira and Confluence to facilitate adherence to the Software Development Life Cycle.

Intern,
Data Developer,
Discover Energy
May 2021 - Aug 2021

- Writing complex SQL queries, parsing, and extracting from csv files using JAVA for accounting department.

Intern,
IT Support,
COSCO Shipping
Lines
Dec 2020 - Mar 2021

- Installed and maintained servers using Windows Server Manager.
- Provided **level 1 and level 2 IT support**.
- Gained practical knowledge of **network administration**.

EDUCATION

University of New South Wales

Dec 2021 - Jun 2023	Master of Information Technology
Jul 2018 - Nov 2021	Bachelor of Computer Science

SKILLS

Programming Language: JAVA, JavaScript, Python, C, C++
Frameworks and Libraries: Spring Boot, Maven, React, Vue, Django, Pandas, Numpy
Tool: Docker, Tomcat, Git, AWS, Jupyter, Kubernetes
Relevant Knowledge:

- Great knowledge of AWS.
- Expertise in using source version control such as GIT.
- Experienced working with agile methodology.
- Hands-on experience in using CI/CD frameworks.
- Proficient in concurrency, multithreading, data structures, and design patterns.
- Proven expertise in developing and integrating APIs with a focus on SOAP and RESTful services.

PROJECT

Stocks Portfolio Management
Stocks portfolio management is a graduate group project, that allows users to manage their stock portfolio in an easy way, with features such as price prediction, sentiment analysis and charting representation.
I mainly focused on the back end and Database development, I used Python as our service's backend language, utilising the Django framework. And employ PostgreSQL as our Database. I built and deployed the Database and did mostly functionality such as creating portfolios and adding or removing stocks in the backend. Assisted with price prediction utilising deep learning.

SOAR (Security Orchestration, Automation, and Response) Solution AWS
Our product is an interactive GUI web application that allows sec ops teams to select and apply a range of security remediations that we offer and recommend, in their software development environment.
I participated in the design of the product architecture with my teammate and wrote lambda functions for our product.

Referees

Name: Archie Huang
Job Title: Lead Developer, UNSW IT, UNSW
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Name: Yanqing Lin
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