Mo Xu

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PROFESSIONAL SUMMARY

The University of Sydney IT master's degree graduate, and 1+ years full-stack software engineer. Passionate about back-end development with extensive hands-on experience in Java. Also, have experience in using front-end technologies. The core programmer on a startup project. Quick at learning new technologies and architectures and applying them to real-world issues.

WORK EXPERIENCE

Software Engineer - Internship — AUG 2022 — NOV 2022
Flash Hero Pty Ltd — *Sydney, AU*

- Developed the admin management system, including the **Vue** website and **RESTful APIs** based on **SpringBoot**. Implemented the management of the FlashHero project, dynamic icon and carousel configuration, and store management.
- Developed the FlashHero project, a platform for providing errand services based on **Vue** and **SpringBoot**. Implemented functions such as geocoding, order creation, payment, and user address management.
- Mentored two grad colleagues with coding problem-solving skills in a technical team of 12.

Software Engineer - Self Employed — SEP 2021 — AUG 2022
Shenzhen Xindun Electronic Commerce Co., Ltd — *Guangdong, CN*

- Constructed the business project structure according to the founder's requirements as a vehicle-to-sell information platform.
- Programmed **RESTful APIs** based on **SpringBoot** for the project. Built vehicle information post and management, user-related, transaction and payment, and real-time chat functions.
- Implemented a front-end website based on **Vue** and **Element UI**.
- Deployed front-end, back-end, and database to **Alibaba Cloud Server** and used **GitHub Actions** to implement CI/CD.

Software Engineer - Internship — DEC 2018 — MAR 2019
Onchain — *Shanghai, CN*

- Implemented unit tests for all **Ontology Chain** smart contract APIs based on **Golang** and identified two critical bugs to help the API development team fix issues.
- Developed two smart contracts based on **Python** to encrypt game currency and information.
- Independently communicate with customers, and transfer their requirements into documents. Developed the project based on the documents and prompt feedback from customers.

PROJECTS

Developer, Hacker Desktop, Github Link — SEP 2022 — Now

- Built an open-source web application based on **React** and **Nodejs** for developers to get IT-related information such as news, podcasts, and AWS billing.
- Refactor the project according to **AWS serverless** architecture, utilizing **Lambda**, **DynamoDB**, and **API Gateway**, managed by the **SST framework**.
- Technologies: React, Material UI, TypeScript, Node.js, SST framework.

EDUCATION

The University of Sydney, Master's Degree, Information Technology — JUL 2020 — JUL 2022

SKILLS

Java, SpringBoot, Python, Vue, React, JavaScript, TypeScript, HTML, CSS, Git, MongoDB, DynamoDB, Amazon Web Services

QUALIFICATION

AWS Certified Developer - Associate — OCT 2022

LANGUAGES

English, Mandarin