

# SHUAI JIANG

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## EDUCATION

### University of Technology Sydney

Aug. 2023 – Jun. 2025

*Master of IT in Software Development (WAM 84.62/100)*

- Relevant Coursework: Internet Programming, Database, Project Management, Fundamentals of Software Development, Cloud Computing and Software as a Service
- Postgraduate Academic Excellence International Scholarship - 25% of tuition

### University of Ottawa

Sep. 2019 – Apr. 2023

*Bachelor of International Economics and Development*

## PROJECTS

### Personal Blog (Java, Spring Boot)

Dec. 2023

- Tech stacks: Java, Spring Boot, Mybatis-Plus, Redis, MySQL, Swagger2, Docker
- Implemented 20+ interfaces (controllers) using RESTful API to interact with web page components
- Took advantage of Spring Security and JWT to implement dynamic routing and login functionality
- Deployed the project on the Alibaba cloud's ECS using Docker
- Notes: <https://github.com/LavaXD/MyBlog/blob/main/Notes.md>
- Blog: <http://47.91.46.158:8093/>

### Car Rental System (PHP, JavaScript)

May 2024

- Implemented GUI design using JavaScript, Html, CSS, and Bootstrap as assisting framework
- Utilized JavaScript to fetch data from JSON file, PHP as backend language to operate the database
- Deployed project on AWS using Cloud 9 service and Elastic Beanstalk with UTS free account

### Movie Catalogue (React, Spring Boot, MongoDB)

May 2024

- Implemented this full stack project using Java, Spring Boot, JavaScript and React
- Applied hook functions such as “useEffect” and “useState” in React framework to manipulate global variables
- Completed backend interfaces using RESTful API to fetch data from NoSQL database
- Utilized ngrok to build a tunnel between frontend requests and backend interfaces

## SKILLS

**Technical skills:** Java, PHP, JavaScript, HTML, CSS, React, Spring Boot, Mybatis, MySQL, Maven, AWS Cloud

**Tools:** Docker, Jenkins, Git, Unit Testing, Object Oriented Programming, Data Structures, Algorithms, Agile Methodologies, Software Development design, DBMS, Full-Stack, Swagger, Postman

## EXPERIENCE

### StudyNSW Jobs Connect Program (Sydney, Australia)

Data Scientist

Jun. 2024 – Jul. 2024

- Collaborated with 6 other team members to create a project plan for a startup company
- Acted as a role of Data Scientist to create visualized diagrams summarized from all sorts of data
- Actively participated in team meetings, group discussions, and coordinated the project tasks

### Royal Palace Seafood Restaurant (Sydney, Australia)

Dining Waiter

Aug. 2023 – Jun. 2024

- Provided excellent customer service by refilling tea, changing plates, distributing dishes, etc.
- Worked collaboratively with fellow waitstaff and kitchen staff to maintain smooth and efficient operations