

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

Portfolio Website (React.js, Next.js, Tailwind.css)

Jul. 2024

- Implemented a responsive design ensuring optimal viewing experience across various devices and screen sizes
- Integrated dynamic animation and transition effect using Shaden.ui and framer-motion libraries
- Deployed the website using Vercel for seamless and continuous deployment, ensuring high performance
- Portfolio: <https://shy-portfolio.vercel.app/>

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.js, 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

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
- Blog: <http://47.91.46.158:8093/>

SKILLS

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

Tools: Docker, 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