

SHUAI JIANG

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EDUCATION

University of Technology Sydney

Aug. 2023 – Jun. 2025

Master of IT in Software Development (WAM 85.75/100)

- Relevant Coursework: Internet Programming (HD), Enterprise Software Testing (HD), Cloud Computing & SaaS (HD), Enterprise Architecture Practice (HD), .NET Application Development (HD)
- Awarded Postgraduate Academic Excellence International Scholarship (25% tuition fee waiver)

University of Ottawa

Sep. 2019 – Apr. 2023

Bachelor of International Economics and Development

EXPERIENCE

Tidyteddy (Sydney, Australia)

Jul. 2024 - Present

Web Developer | Internship

- Built full-stack web services using React.js, TypeScript, Tailwind CSS, Shaden UI, Node.js, MySQL, and Docker, reducing development time by 15% through reusable component design.
- Led a 5-member web scraping team using Python3, Django, and Scrapy, successfully extracting and processing 10000+ data points from multiple sources to enable Tidyteddy's marketing strategies.
- Collaborated with a cross-functional team using GitHub, Git for version control, reviewing 30+ pull requests to ensure code quality and adherence to best practices.
- Managed tasks and team collaboration using Jira, Confluence, and ClickUp, improving project delivery efficiency by 10% through streamlined workflows.
- Participated in Agile ceremonies, including weekly stand-ups, sprint planning, and retrospectives, contributing to a 25% increase in team productivity.

StudyNSW Jobs Connect Program (Sydney, Australia)

Data Scientist

Jun. 2024 – Jul. 2024

- Collaborated with a team of 6 members to develop a project plan for a startup, delivering a comprehensive data analysis report within a tight deadline.
- Created 5+ interactive data visualizations using Excel and Tableau, enabling stakeholders to make data-driven decisions.
- Coordinated project tasks and facilitated team discussions, ensuring 100% on-time delivery of project milestones.

PROJECTS

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

Jul. 2024

- Designed and implemented a responsive portfolio website with dynamic animations using Framer Motion, achieving a 95% user satisfaction rate based on feedback.
- Deployed the website on Vercel, ensuring 100% uptime and seamless continuous integration/continuous deployment (CI/CD).
- Live Demo: [Shy portfolio](#)

Movie Catalogue (React.js, Spring Boot, MongoDB)

May 2024

- Built a full-stack movie catalog application using React.js for the front end and Spring Boot for the backend, integrating RESTful APIs to fetch data from a MongoDB database.
- Utilized React hooks to manage global state, improving application performance by 20%.

Car Rental System (PHP, JavaScript, AWS)

May 2024

- Developed a user-friendly car rental platform using PHP, JavaScript, HTML, CSS, and Bootstrap, reducing user onboarding time by 30%.
- Deployed the application on AWS Cloud 9 and Elastic Beanstalk, leveraging UTS's free-tier account to minimize costs.

- GitHub Repository: [Car-Rental-Website](#)

Personal Blog (Java, Spring Boot, Docker)

Dec. 2023

- Developed a personal blog platform with 20+ RESTful API endpoints using Java, Spring Boot, and MySQL, enabling seamless interaction between front-end and back-end components.
- Deployed the application on Alibaba Cloud ECS using Docker, achieving 99.5% uptime and scalability.
- GitHub Repository: [MyBlog](#)

SKILLS

Technical Skills:

- Programming Languages: Java, Python, PHP, TypeScript, JavaScript, HTML, CSS
- Frameworks & Libraries: React.js, Next.js, Spring Boot, Django, MyBatis, Tailwind CSS, Bootstrap, Maven
- Databases: MySQL, MongoDB
- Cloud & DevOps: GitHub Actions, AWS (EC2, Elastic Beanstalk), Docker, Vercel, Alibaba Cloud
- Tools: Git, Jira, Confluence, ClickUp, Swagger, Postman

Methodologies & Practices:

- Agile Development, Scrum, CI/CD, RESTful API Design, Object-Oriented Programming (OOP), Data Structures & Algorithms (204 LeetCode problems solved)

ADDITIONAL INFO

- **Languages:** Fluent in English, native Mandarin speaker
- **Certifications:** AWS Certified Cloud Practitioner (in progress)
- **Interests:** Open-source contributions, hackathons, tech meetups, game development, 2D/3D animation