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# WENJI SHEN

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## Personal Statement

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Software Tester with hands-on experience in STLC, functional, and API testing, contributing to 20+ releases of a WMS project with 1,400+ test cases and 400+ defects. Currently expanding expertise in automation frameworks (Python, Pytest, Selenium, Jenkins) to enhance test coverage and efficiency in Agile environments. With an unrestricted 3-year work visa, fully open to relocation and eager to advance my IT career in New Zealand.

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## Experience

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| <b>Software Testing Engineer</b><br><b>SuoJian Technology Co., Ltd.</b><br><b><u>Black-Box Testing, Gray-Box Testing, Jira, JMeter, Postman, MySQL, Linux, Agile, STLC</u></b> | <b>03/2025 to 09/2025</b><br><b>ShenZhen, China</b> |
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- Participated in testing core modules of a **Warehouse Management System (WMS)**, including materials, clients/suppliers/carriers, inbound and outbound operations, inventory and stocktaking, reporting, and system management, following the full **Software Testing Life Cycle (STLC)** from requirement and technical plan reviews to test case design, execution, regression, and acceptance testing.
- Contributed to **20+ version releases**, authoring over **1,400 test cases** and reporting **400+ defects**, significantly improving system reliability.
- Promoted early tester involvement by preparing test cases before code submissions and organizing internal knowledge-sharing sessions on bug pattern analysis, log/database troubleshooting, and request packet inspection, which **increased delivery success rate by 10%** and improved team efficiency and collaboration.
- Skilled in **MySQL** (CRUD operations: SELECT, INSERT, UPDATE, DELETE, multi-table joins, inner/outer joins) and experienced in using **Linux commands** (vi, cp, mv, touch, grep, log inspection) to analyze system behavior and locate bugs.
- Currently self-learning and practicing **automation frameworks**, including:  
**API Automation** using Python, Pytest, Requests, PyMySQL, Allure, and Jenkins (Keyword-Driven Testing concept).  
**UI Automation** using Selenium + Pytest with Page Object model.

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| <b>Website Developer Intern &amp; Volunteer</b><br><b>Refugee Orientation Centre Trust</b><br><b><u>JavaScript, Wix Velo, Salesforce CRM, RESTful API Integration, GitHub, Odoo, SDLC, CI/CD, Agile / Scrum, Role-based Access Control</u></b> | <b>10/2024 to 04/2025</b><br><b>Frankton, Hamilton, NZ</b> |
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- Developed a custom internship registration form on Wix using JavaScript and wix Velo, featuring real-time field validation and dynamic UI, which reduced user input errors by **30%** and improved form completion rates by **10%** compared to Google Forms.
- Practiced **CI/CD-inspired workflows** by syncing code to GitHub, collaborating with multiple developers, and deploying updates after staged testing, resulting in fewer deployment errors and faster delivery cycles.
- Followed the full Software Development Life Cycle (**SDLC**) and adopted an **Agile development methodology**, working in iterative sprints with continuous feedback and improvement. The entire process was managed through **Odoo**, enabling structured task tracking and cross-functional collaboration.
- Designed and implemented **API integrations** between Salesforce, Wix, and ManyChat to enable real-time, synchronized data exchange across platforms.
- Enabled secure, **role-based CRUD operations** across integrated systems, ensuring data consistency

and compliance with access control policies.

- Configured Salesforce Lead object, custom fields, validation rules, and page layouts to capture high-quality data and support lead-to-contact conversion workflows.
- Built **automated email communication flows** using Salesforce Flow and Process Builder, **reducing administrative workload by 60%** and improving volunteer onboarding speed.
- The integration **optimized** the registration **workflows to shorten service response times by over 50%**, streamlined data management, and was adopted as a scalable model for future digital initiatives at the organization.

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## Projects

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### Supermarket Service Coverage in Hamilton – University Capstone Project

- Conducted network and overlay analysis using **ArcGIS** to assess 5-minute walking/driving service areas of local and Asian supermarkets in Hamilton
- Mapped service areas and overlaid with meshblock-level population data to calculate the number of residents within and outside service coverage
- Identified that central Hamilton has adequate coverage, while peripheral areas—especially those with higher Asian populations—are underserved
- Revealed spatial inequality in supermarket access, particularly for minority communities relying on Asian supermarkets
- Proposed strategic insights for urban planners to improve equitable supermarket distribution and better align with future demographic shifts

### Cloud-Based Food Ordering System – University Capstone Project

#### React.js, DynamoDB, AWS

- Led front-end development using **React.js** to build a responsive food ordering interface.
- Configured **AWS** Lambda, DynamoDB, and Elastic Load Balancer to support scalable serverless architecture.
- Integrated order queueing with SQS and notifications via SNS, optimizing restaurant operations.

### Cybersecurity Research Assistant – University Volunteer Project

- Conducted research on IoT and smart agriculture security; summarized 16 papers using structured formats and keyword categorization.
- Provided actionable insights that guided a doctoral researcher's strategic focus.

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## Education

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### Master of Science: Information Technology

University of Waikato

04/2025

NZ

### Bachelor of Business: Digital Business

University of Waikato

04/2021

NZ

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## Websites / Portfolios

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- <https://www.linkedin.com/in/wenjishen>
- <https://github.com/wenji795>

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## References

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References available upon request.