CHINGAN, SHIH

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GitHub: https://github.com/Chinganshih **Portfolio**: https://chinganshih.github.io/

SUMMARY

Detail-oriented Quality Assurance with **over 2 years of experience** working in fast-paced companies. Talented in **API testing and web testing** and competent in multiple scripting languages. Excellent at **quickly identifying problems** and analyzing the root-cause to enhance efficiency. Proven record of success as a **problem-solving** and **collaborative team player**.

SUMMARY OF QUALIFICATIONS

- Strong time and project management skills.
- Experience in web **manual and automation testing**.
- Well-versed with **SDCL – Agile and Scrum** methodologies.
- Experience in **Linux** scripting and different automation tools (**Selenium, RestAPI, TestNG**).
- Highly Competent in **Java and SQL**.
- Basic knowledge of **CI/CD** concepts and tools.
- **ISTQB** certified.

SKILLS

Testing: API Testing, Mobile Testing, Web Testing, Functional Testing, Regression Testing, End-To-End Testing, Stress Testing, A/B Testing, Test Design/ Test Case.

Tool: JMeter, Selenium, QTP, Postman, TestNG, JUnit, Swagger, Docker, Linux, Oracle, Git

Programming language: Java, C++, JavaScript, Node.js, HTML/CSS, MongoDB, SQL, Postgres

Other: Jira, Trello, Confluence, Slack, Agile, Test Manager, Mantis

PROFESSIONAL EXPERIENCE

Newegg Commerce, Inc
Quality Assurance Engineer   04/2021 - 08/2021

- Provided what-if questions and risk analysis during an **Agile discovery phase** to strongly support the team to **shape business goals and prevent 30% of potential issues.**
- Developed **JMeter functional testing scripts** to ensure application correctness and appropriate response time for backend testing and performed risk analysis to assess the impact of software failure to define the depth of test coverages and achieved high-quality and flawless software.
- Worked in a fast-paced environment as the QA lead for 2 major projects, and successfully reported testing results to the project stakeholders with **strong time and project management skills.**

Mrctect
Quality Assurance Engineer   02/2020 - 04/2021

- Trained new testers, built 5+ learning instructions for JMeter, Selenium, and other domain knowledge on Hacked, and **helped new testers solve technical problems**.
- Utilized JMeter thread groups to perform stress testing and **discover the failure of API performance**, successfully collaborated with the team to build system configuration.
- Scheduled daily test scripts that **monitored software quality in production** and reported the results via **Slack Webhooks**. The test scripts preemptively caught several unexpected system configuration problems and allowed teams to create a patch promptly.
- Developed Selenium automated tests for different web drivers in Python. **Reduced overall QA manual testing time** by more than 60%.

CTBC Securities Co., Ltd
Software Engineer Intern   10/2018 - 04/2019

- Joined the **QTP** automated tool training program for setting up new test environments. Performed installation, maintenance, and system support. Created functional and regression test cases and implemented them as test scripts via VBA.
- Supported another department in the development of a user interface and API for the internal system using **C#, SQL, and JavaScript.**

CTBC Bank

Summer Intern   07/2018 - 08/2018

-Learned OCR tools, collected data, and provided suggestions to the AI development project across 3 different
   departments.

PROJECT

Build REST API using Spring Boot
https://github.com/Chinganshih/jdbc-start   01/2023-Ongoing

Skills: Java, Spring Web MVC, Maven, HikariCP, Docker, Postgres, PgAdmin, Flyway, Postman

- Implemented version-based database migration via Flyway to define SQL schema, ran Docker Compose to create Postgres
   and Pgadmin services.
- Configured a Hikari connection pool as a JDBC data source implementation and implemented a JDBC template to execute
   SQL and extract the result.
- Created RestAPI layer, Service layer, and DAO layer to behave different HTTP requests successfully. Test REST API by
   using Postman and go inside Postgres container to check the data correction.

API Testing with REST Assured Practice
https://github.com/Chinganshih/Rest-Assured   12/2022-12/2022

Skills: Java, IntelliJ, Maven, JUnit, Rest Assured

- Implemented the GET, POST, PUT, and DELETE requests. Validated the HTTP responses, such as status codes, status
   messages, and headers using the Rest-Assured library (given(), when(), and then() methods).
- Created serialized product for POST request, and deserialized the response to validate the specific objects by query
   parameter function.

Website JS
https://github.com/Chinganshih/WebsiteJS   05/2022-08/2022

Skills: Node.js, Express.js, HTML/CSS, Git, Heroku, Postgres, PgAdmin, MongoDB

- Incorporated the Handlebars view engine to render JSON data visually in the browser using handlebars.js
   views and layouts.
- Implemented the multer library with files/images upload via cloudinary.uploader to manage images for the website.
- Add the sequelize to point to the PostgresDB on the Heroku cloud platform and manipulate the data.
- Worked with Mozilla's client-sessions node library and data persistence using MongoDB to define the schema.
- Considered the security of the website using bcrypt.js to encrypt passwords to compare the hashed text with plain text.
- Deployed website to Heroku.

CERTIFICATE

Certified Tester, Foundation Level – ATSQA	2023/01
Getting Started with Spring Boot – Amigoscode	2023/01
Java: Automated API Testing with REST Assured – LinkedIn	2023/01
LambdaTest Test Automation Professional Certificate – LambdaTest	2022/12

EDUCATION

Computer Programming
Seneca College   2020 - 2022

Information and Finance Management
National Taipei University of Technology   2015 - 2019