# LUQMAN HANUNG ASIDIQ

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## SUMMARY

I am a graduate of Informatics Engineering from the Muhammadiyah University of Surakarta and a graduate of Quality Engineering from Altera Academy Bootcamp. From these two places, I have a fundamental knowledge of software development. When I was in college I had an internship as a software engineer at a company. At the time of my internship, I got a job desk to design UI and database for a POS (Point of Sales) application used to manage finances and inventory items stock of the company. Besides that, I also tested the application according to the required documents. On projects in Bootcamp, I used Serenity BDD which collaborated with selenium for Web automation testing, Rest-assured for API automation testing, and Appium for Mobile automation testing. Other than that I use JMeter to perform performance testing on the web, and API. From working on projects at Bootcamp, I have become more skilled in team collaboration, problem-solving, and project management.

## TECHNICAL SKILLS

- Languages             : Java, Gherkin, SQL, Python, HTML, CSS.
- Technologies          : Restful API, Cucumber, Serenity BDD, Rest-Assured, Postman, Appium, JMeter, Linux Basic command, Git, Emulator by Android Studio, MySQL.
- Management Tools       : Trello, TestRail, Spreadsheet.
- Other                 : Problem Solving, Analytical Thinking, Attention to detail, Project Management.

## PROJECTS

- **Automation and Manual Testing on <u>JSONPlaceholder</u> API**:
  This project collaborated with three-person on testing the JSONPlaceholder API on several endpoints provided using several HTTP methods including Get, Post, Delete, Put, and Patch. Endpoints tested include /posts, /comments, and /albums. In this automation testing use **Serenity BDD** combined with **Rest-Assured**. while for manual testing using **Postman**. In writing automation test scripts using the **Java** programming language. To collaborate among team members used **Trello** and **Spreadsheet** for test case documentation collaboration. From the test cases that have been made on this API found more than 50% of there are bugs from this API. See the source on <u>Github</u>.
- **Automation Testing on Website <u>SauceDemo.com</u>**:
  SauceDemo is a simple website open-source built by Sauce Labs that allows users to practice browser automation. For testing automation on this web, I using **Serenity BDD** in collaboration with **Selenium**. In writing automation test scripts using the **Java** programming language The endpoints tested include /login, /inventory, /cart, and /checkout. See the source on <u>Github</u>.
- **Automation Testing on mobile app-Sampleapk**:
  Sampleapk is a simple mobile application used for learning mobile-based testing. The features provided include calculating addition, division, multiplication, and division of numbers. This automation testing uses Serenity BDD in collaboration with Appium and runs the applications using the **Emulator** provided by **Android Studio**. See the source on <u>Github</u>.
- **Automation and Manual Testing on <u>Reqres</u> API**:
  Reqres API is an open-source Restful API used to learn API-based automation testing. The technology used for automation testing is **Serenity BDD** in collaboration with **Rest-Assured**. While for manual testing using **Postman.** Endpoints tested include /users, /unknown, /register, and /login. While the HTTP methods used include Get, Post, Put, Patch, and Delete. In documenting test cases that have been created using **Spreadsheet**. The test results found that 32% of there are bugs in the test cases tested. See the source on <u>Github</u>.

## WORK EXPERIENCE

**PT. Adzania Rahma Perdana**                                              **March 2021 - May  2021**
Software Engineer Intern                                                      Surakarta, Central Java

- Collaborated with three-colleague to build a web-based Point of Sales (POS) application for the company because it didn't exist before. This software will be used to manage finances and inventory items of the company. In this project I got a job desk to design the UI of the website and design the database. In addition, I also tested this application to see whether it was following the requirements document.
- The tools used in developing the application are for the Frontend using **HTML**, **CSS Bootstrap Framework**, **Javascript**, and the Backend using **MySQL** Database and **PHP**.

## EDUCATION

**ALTERRA ACADEMY**                                                    **August 2022 - November 2022**
Immersive Program, Quality Engineering                                            Malang, East Java

- Immersive Program Quality Engineering is an intensive 3-month program designed to train Quality engineers in the fundamentals of software development and software testing.
- This 10 hours/week program trains in developing skills and abilities in testing Web, API, and Mobile-based software automatically and manually.
- Course: QA career and fundamental testing, Restful API, Testing documentation, agile testing, Linux basic command, basic and OOP Java programming, Behavior Driven Development(BDD), Testrail, Git, Github, Serenity BDD, Cucumber, Selenium, Rest-Assured, JMeter, and Appium.
- Capstone Project: -

**MUHAMMADIYAH UNIVERSITY OF SURAKARTA**                       **August 2018 - June 2022**
Bachelor of Computer Science                                             Surakarta, Central Java

- 8/8 semesters, cumulative GPA 3.61/4.0 with Cum Laude predicate.
- Member of the Voca Al Kindi UMS Student Choir from October 2018 to June 2022.
- Thesis: Development of an educational game to introduce the names of flowers for children with special needs for mental retardation in grade III at the Tawangsari ABC Special Needs School.

## CERTIFICATIONS

- Basic Coding (Issued by Skilvul July 2022).
- Write Better Automated Tests Faster With Serenity BDD, Cucumber, and The Screenplay Pattern (Issued by The Serenity Dojo Expansion Program October 2022)

## INTERESTS

- I love singing because I was a tenor in the college student choir so I and my choir have attended many formal and informal events.

## LANGUAGES

- Indonesian        : Native or Bilingual proficiency
- English            : Limited working proficiency
- Java               : Native or Bilingual proficiency