HILMAN FIRDAUS, S.KOM

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Location: Bandung, Indonesia

Summary

QA Engineer with 8+ years of experience in manual and automation testing. Strong expertise in Selenium, Playwright, Postman, and Katalon. Proven track record in creating test plans, building CI/CD pipelines, and executing performance, API, and UI testing across fintech, telco, and health sectors. Passionate about bug prevention and quality improvement in Agile environments.

Education

Bachelor Degree - Engineering Informatics, NURTANIO UNIVERSITY – Bandung (2017 -2021). GPA 3.69
Master Degree - Engineering Informatics, BANDUNG INSTITUTE OF TECHNOLOGY (ITB) – Bandung (2022)

Work Experiences

Lintasarta – Senior Quality Assurance Engineer
(Oct 2024 – Agustus 2025) | Contract
Cloudeka as a GPU as a Service (GPUaaS) provider, offers comprehensive solutions for companies looking to accelerate AI and HPC performance without the need for large investments in physical infrastructure.
Cloud Services Project – Cloudeka Project
RESPONSIBILITIES:

- Update bugs or findings bug or Create TC using Excel
- Testing Feature Based on Scrum Sprint Board
- Develop Automation UI using Mocha and Chai JS (Selenium)
- Develop Automation Testing WEB using Selenium JS , Define Locator Strategy using xpath / data-test
- Run all Test Script Automation on github action Pipeline and maintain test
- Create Test case on Allure Reporting
- Perform Query SQL for validating if Needed
- Feedback and deep knowledge about UI/UX

EXPERIENCE GAINED

- Kafka Integration
- Collaborate and exploring Kubernetes
- Learning API Automation Testing using Mocha and Chai Selenium

- Learning Javascript, Golang Programming
- Learning CI Process Using Github Actions
- Learning to Read Code Developer BackEnd for Golang
- Learning to Read Code Developer FrontEnd Vue.Js
- Learning SQL using PostgresSQL
- Learning vCluster kubernetes, docker and HELM, harbor

IDEA Asia – Lead QA Engineer / Senior QA Engineer
(Mar 2025 – Oct 2025) | Contract
Incentive Engine is an application to create rules that will be used by channels (DigiPOS, etc.) and to store data references used to create the rules.
Telkomsel Project – Incentive Engine
RESPONSIBILITIES:

- Update bugs or findings bug or Create TC using Excel
- SIT, UAT, Regression, And Production manual testing, based on desktop, CMS and Mobile Responsive categories
- Creating test scenarios using Excel spreadsheets based on FSD and Figma UI/UX
- Understanding flow project with BRD and coordination with Business Engineer and Lead Squad
- Testing Automation tools Selenium Java UI only
- Implementation Strategi Testing, Exploration test, Regression test, Smoke test, E2E test
- Working Blackbox testing, in case Whitebox testing
- Manage for strategi testing
- Checking for kafka, jmeter and support UAT, REGRESSI, SANITY
- Create automation for postman
- Create automation API using katalon framework
- Checking logger using docker to backend for transaction 10 million data, and trigger testing using Jmeter.

EXPERIENCE GAINED:
- Kafka Integration
- Jmeter and achieve for best performance (load test, stress test, soak test)
- Reading and integration after hit kafka in AKHQ Kafka, prometheus, grafana
- UP preprod and integration for cron job
- DB using oracle, and execute billions data
- Testing Security using Owaszap and Brute Force
  -URL Manipulation
  -XSS
  -CSRF
  -SQLI Injection
  -Clickjacking Defense
  -Logging
  -Session Management

MHDC Group – Senior Architect Automation / Test Engineer
(Aug 2024 – Dec 2024) | Freelance / Project-based

MHDC is a one stop clinic that provides quality general health services, child development, aesthetics and acupuncture, as well as specialist dentistry in Jadetabek.

Clinic System : Integration SATUSEHAT, NAKES etc *(Aug-December 2024)*

RESPONSIBILITIES:

- Initiating and developing TSD (Testing strategy document) which has the impact of maintaining and enhancing credibility and evidence and fulfilling risk controls
- Planning the development cycle and capacity that influences the fast and quality development process
- Writing automation code using Playwright
- Maintain the E2E automation to support the testing process which has an impact on the fast testing process and smooth testing regression process
- Debugging the issue raised by the team, and finding the root cause
- Supporting team to ensure that features have been tested and clear automation code
- Most Github CICD commits and the most active person in maintaining E2E automation
- Reporting via Allure Reporting

EXPERIENCE GAINED:

- Strategy Testing for automation best practice
- Explore for ELK (elastic search/KIBANA) for detect issue API etc.

LDX Japan – Senior QA Automation Engineer

(Feb 2024 – May 2024) | Freelance / Project-based

Point of Sales (POS) can be interpreted as a place or point where sellers and buyers carry out transactions

POS Project, Management System Data Seller etc. *(September-Februari 2024)*

RESPONSIBILITIES:

- Managed the Quality Assurance Team, overseeing and coordinating testing tasks.
- Estimated and prioritized testing activities, ensuring efficient allocation of resources.
- Reviewed requirements specifications and technical design documents, providing timely and meaningful feedback to the development team.
- Created detailed, comprehensive, and well-structured test plans and test cases for accurate test coverage.
- Identified, recorded, and thoroughly documented bugs.
- Performed thorough regression testing to validate bug fixes and maintain software quality.
- Developed automation testing using Playwright to enhance efficiency and effectiveness of testing processes.
- Conducted thorough regression testing to validate bug fixes, ensuring the stability and reliability of the software product.
- Building test automation frameworks using JavaScript

EXPERIENCE GAINED:

- Strategy Testing for automation best practice

Changle Singapore – QA Engineer

(Feb 2024 – May 2024) | Freelance / Project-based

An application that provides various services such as reservations, travel, ordering food, etc. and is wrapped in an attractive appearance so that it invites visitors and is interested in changing the application**.**

Changle Hotel Reservasi *(Februari-Mei 2024)*

RESPONSIBILITIES :

- Update bugs or findings bug or Create TC using Excel

- SIT, UAT, Regression, And Production manual testing, based on desktop, CMS and Mobile Responsive categories
- Creating test scenarios using Excel spreadsheets based on FSD and Figma UI/UX
- Understanding flow project with BRD and coordination with Business Engineer and Lead Squad
- Testing Automation tools Selenium Java UI only
- Implementation Strategi Testing, Exploration test, Regression test, Smoke test, E2E test
- Working Blackbox testing, in case Whitebox testing

PT Astra International Tbk – Senior QA Engineer
(Sep 2023 – Feb 2024) | Freelance / Project-based
Astra offers a variety of choices and the latest models of motorized vehicles according to consumer needs. Astra produces, assembles, distributes and has a dealer network for Toyota, Daihatsu, Isuzu, Peugeot, UD Trucks and Honda motorbikes. Astra also produces and is a retailer of BMW and Lexus cars**.**
Project Auto2000 buying and selling cars *(September-Februari 2024)*
RESPONSIBILITIES:
- Update bugs using Azzure Tools
- Carry out performance tests using the Jmeter tool
- Creating test scenarios using Excel spreadsheets based on FSD and Figma UI/UX notions
- SIT, UAT, Regression manual testing, based on desktop, CMS and Mobile Responsive categories
- Testing Automation tools Katalon Studio
- SEO testing using gtmetrix, Rich results test, lighthouse, seo meta and disable javascript
- Performs Testing with Apache Kafka

EXPERIENCE GAINED:
- Learning for performance tools, jmeter, and SEO gtmetrix, Rich results test, lighthouse, seo meta and disable javascript

PT Moladin Digital Indonesia – Senior QA Engineer
(Apr 2023 – Aug 2023) | Freelance / Contract
Moladin has built the entrepreneurial spirit of its agents with its fast-growing network, involving more than 100,000 agents and dealers by creating a comprehensive digital automotive platform and providing best-in-class training, assistance and support.
RESPONSIBILITIES:
- Developing and maintaining test plans and test cases for software applications.
- Executing manual tests to ensure the quality and functionality of software applications.
- Identifying, troubleshooting, and documenting defects in software applications.
- Working closely with developers to resolve defects and improve the quality of the software.
- Collaborating with other QA engineers to review and improve the testing process.
- Create testing API with Postman
- Do research Automation using Playwright
- Report test ops in Allure

EXPERIENCE GAINED:
- Loan Origination System
- Loan Management System

PT Hilfi Dev Technology – QA Engineer
(Sep 2022 – May 2023) | Freelance / Contract
SpeedCash *(Desember-Januari 2022)*
is an application, for those of you who want to travel by plane, making a plane ticket reservation in advance is the best way to secure the departure or schedule you want.
RESPONSIBILITIES :

- Do Perform API Testing on Microservices/Rest API.
- Define, Analyze Requirement for implement to Test Scenario in Testrail or Spreadsheet
- Do research Automation using Katalon(intermediete) & Cypress
- Monitoring Story/task/bugs using Jira & Trello.
- Do Perform Functional Testing in Website, Progresive Web Application, Mobile Applications

Anaonline.id Management system *(Januari-Maret 2023)*
is an application for managing special systems for youth exactly, such as membership and special applications
RESPONSIBILITIES :

- Do Perform API Testing on Microservices/Rest API.
- Define, Analyze Requirement for implement to Test Scenario in Spreadsheet
- Do research Automation using Webriver.io typescript mocha & chai
- Monitoring Story/task/bugs using Gitlab and Circle CI.
- Do Perform Functional Testing in Website, Progresive Web Application, Mobile Applications

Simasis, Management system *(April-Mei 2023)*
is an application for managing special systems for youth exactly, such as membership and special applications
RESPONSIBILITIES:

- Define, Analyze Requirement for implement to Test Scenario in Spreadsheet
- Do research Automation using Selenium javascript, mocha & chai
- Monitoring Story/task/bugs using Gitlab and Circle CI.
- Do Perform Functional Testing in Website
- Do Perform function Testing third party, in Midtrans.

PT Telekomunikasi Indonesia – Junior QA Engineer
(Jun 2019 – Aug 2022) | Freelance / Contract
Dunia Games *(Juni-Agustus***)**
is a site that provides various user needs related to games offered by PT. Cellular Telecommunications (TELKOMSEL). Access to Dunia Games can be done through the website www.duniagames.co.id and applications available on the Android OS and Apple iOS platforms on your smartphone . The terms & conditions stipulated below givern the use of Dunia Games, both the use the www.duniagames.co.id website and the Dunia Games Applications.
RESPONSIBILITIES:

- Perform automated testing web application project.
- Perform automated testing mobile application (native & hybrid)
- Raise bugs & feedback to engineer teams in our sprint development
- Review requirement & spesification for create acceptance testing in User Story
- Perform Automation Testing in API, web, mobile Using Katalon & Postman
- Writing & Review acceptance test in User Journey
- Perform E2E Testing & Regression Testing in our project
- Report tase case in jira tools

MEA & MEC *(Agustus-Oktober)*

is application to manage and monitor field workers, with a cloud-based mobile application to manage and monitor field workers, and improve communication between workers wherever they are using field force management.

RESPONSIBILITIES:

- Perform automated testing web application project.
- Perform automated testing mobile application (web automation)
- Raise bugs & feedback to engineer teams in our sprint development
- Review requirement & spesification for create acceptance testing in User Story
- Perform Automation Testing in API, web Using Katalon
- Writing & Review acceptance test in User Journey
- Report tase case in jira tools

99Usahaku *(November-Januari)*

99% of My Business was developed to support the growth of Small and Medium Enterprises (SMEs) in Indonesia. SMEs can use 99% Usahaku as a platform for sales.

RESPONSIBILITIES:

- Perform automated testing web application project.
- Perform automated testing mobile application (web automation)
- Raise bugs & feedback to engineer teams in our sprint development
- Review requirement & spesification for create acceptance testing in User Story
- Perform Automation, web Using Katalon
- Writing & Review acceptance test in User Journey
- Report tase case in jira tools

FUT Home LTE (My Orbit) *(Februari-April)*

Telkomsel Orbit is an all-digital home internet service provider in Indonesia that uses WiFi modem devices.

RESPONSIBILITIES:

- Perform automated testing web application project.
- Perform automated testing mobile application (web automation)
- Raise bugs & feedback to engineer teams in our sprint development
- Review requirement & spesification for create acceptance testing in User Story
- Perform Automation, web Using Katalon
- Writing & Review acceptance test in User Journey
- Report tase case in jira tools

Elisa *(Januari-Februari)*

Elisa is apps for support service payment gateway, like as dana, shopee, midtrans etc..

RESPONSIBILITIES:

- Perform automated testing web application project.
- Perform automated testing with API, using katalon
- Raise bugs & feedback to engineer teams in our sprint development
- Review requirement & spesification for create acceptance testing in User Story
- Perform Automation, web Using Katalon
- Writing & Review acceptance test in User Journey
- Report tase case in jira tools

EXPERIENCE GAINED:

- Testing API
- Coordination User
- Testing Mobile, UI DESKTOP for different browser
- Integrate Jira Service Management Cloud with Zapier
- Reading Scenario Best Practice Expected for automaton Feasible/Not Feasible

PT WGS Bandung – Fullstack Developer
(Nov 2015 – Dec 2017) | Freelance / Contract
WGS is one of the largest IT services company in Indonesia, offering programmer outsourcing, custom pre-packaged business software, and enterprise
RESPONSIBILITIES:
- Created 10+ templates web used HTML, CSS, JavaScript, Bootstrap with responsive design.
- Analyze, design, develop web, as well as implement RESTful services and APIs
- Create project using Laravel, bootstrap
- Manage team for achieved goals project, using scrum master
- Daily maintenance of code, debugging issues, and solving clients problems
- Collaborate with a multidisciplinary team of UI/UX Designers, Back-end Developers, System Analysts to complete projects

EXPERIENCE GAINED:
- Unit Testing
- Cloud GCP, AWS, Nginx, S3 Bucket, Docker

Skills set and Expertises

🖋 **Testing Tools**
• UI & Functional Automation:
- Selenium
- Playwright
- Katalon Studio
- Cypress
- WebDriverIO
- TestCafe

• Mobile Testing:
- Appium
- Katalon Mobile Recorder

• API Testing & Automation:
- Postman
- Karate Framework
- REST Assured
- Swagger
- SOAP UI

• Performance Testing:
- JMeter
- Locust
- Gatling

• Security Testing:
- OWASP ZAP
- Burp Suite

• Reporting & Test Management:
- Allure Report
- TestRail
- Xray
- Zephyr

• Others:
- BrowserStack, Sauce Labs, Charles Proxy, Fiddler

🧠 Methodologies & Testing Approaches
- Agile & Scrum – Iterative development with daily stand-ups, sprint planning, and retrospectives
- SDLC & STLC – Full lifecycle coverage from requirements to deployment
- Shift-Left Testing – Early-stage testing approach integrated with development
- Regression Testing – Ensuring new code doesn't break existing functionality
- Smoke Testing – Basic test to check system stability
- Sanity Testing – Focused testing to verify specific bug fixes or functionalities
- Exploratory Testing – Simultaneous learning, test design, and execution
- Monkey Testing – Random input to test application behavior under unpredictable conditions
- E2E (End-to-End) Testing – Full workflow validation across systems
- UAT (User Acceptance Testing) – Ensuring product meets business needs
- SIT (System Integration Testing) – Testing interactions between integrated modules
- White-box Testing – Code-aware testing (reading backend/frontend code)
- Black-box Testing – Functional testing without internal code awareness
- Load Testing – Testing performance under expected traffic
- Stress Testing – Testing under extreme conditions
- Soak Testing – Long-duration performance testing
- Security Testing – Testing for vulnerabilities (e.g., XSS, CSRF, SQLi, Clickjacking)
- API Testing – Validation of RESTful endpoints
- CI/CD Testing – Automated validation as part of pipelines

💻 Programming Languages
- JavaScript, TypeScript, Java, Python, SQL, Golang (read/debug)

⚙️ DevOps & Automation

- GitHub Actions, Jenkins, GitLab CI/CD, Docker, Kubernetes, vCluster, Helm

📊 Database & Monitoring
- PostgreSQL, Oracle, Elastic Stack (ELK), Prometheus, Grafana, Akhq, Splunx

📁 Documentation
- Confluence, Jira, Excel/Spreadsheets, Testrail, Figma, BRD, FSD

Certification & Lisence

- ISTQB® Foundation Level – Acceptance Testing (ISTQB)

- Postman API Testing Workshop – STAD Solution

- Manual Testing – STAD Solution

- Microsoft Office Specialist Master (Microsoft)

- Linux Fundamentals – ID Networkers

- JavaScript Programming – Dicoding Indonesia

- Python Programming – Dicoding Indonesia

- Responsive Web Design – Sololearn

- Quantum Computing – Institut Teknologi Bandung

EVIDANCE CERTIFICATIONS

(24) Licenses & certifications | Hilman Firdd | LinkedIn

Languages

- English

- Arab

- Indonesia