

AGNES CICILIA MARBUN

Balige, Sumatera Utara | agnesmarbun2311@gmail.com
+62 822 7293 1303 | www.linkedin.com/in/agnes-cicilia-marbun

Informatics graduate demonstrating expertise in quality assurance, excelling in software testing across the Software Development Life Cycle (SDLC). Mastered Katalon Studio, Selenium, Postman, and JMeter, driving Agile testing and performance testing initiatives. Delivered system performance enhancements of 15-30% through strategic test planning, regression testing, and bug tracking. Exhibited responsibility through defect-free software product launches and showcased writing proficiency via detailed test documentation.

WORKING EXPERIENCE

Quality Assurance Intern

06/2024 – 08/2024

Coordinating Ministry for Maritime Affairs and Investment, Jakarta

- Orchestrated the creation of a comprehensive test suite using Katalon Studio for Ministry web applications, aligning with product specifications and quality standards, pinpointing 15 critical bugs pre-launch, elevating website uptime by 20%.
- Streamlined testing processes within SDLC Agile sprints, slashing manual effort by 12 hours weekly and amplifying team productivity.
- Facilitated resolution of issues with developers through problem analysis, securing 95% defect-free feature releases for software products.

Front-End Developer Intern

06/2024 – 08/2024

ZonaEBT, Remote

- Enhanced quality assurance for a WordPress-based website, devising testing protocols to confirm responsive design and UI/UX, uncovering 20+ inconsistencies.
- Amplified user satisfaction by 25% by refining testing workflows and producing actionable feedback reports.

Assistant Researcher

07/2023 – 11/2023

Del Institute of Technology, Laguboti

- Attained 85% model accuracy in facial detection research using Convolutional Neural Networks through rigorous testing and validation.
- Compiled and presented comprehensive research documentation, ensuring precision and clarity in findings.

Assistant Lecturer, Probability and Statistics

01/2023 – 05/2023

ZonaEBT, Remote

- Elevated pass rates by 15% for 30+ students by designing targeted Probability and Statistics instruction.
- Formulated practice tests and answer keys, aligning content with course objectives to meet student needs.

EDUCATION

Del Institute of Technology, Laguboti

Bachelor's Degree in Informatics

- Assistant Lecturer: Probability and Statistics
- Thesis: Implementation of Personal Medical Record DApps Based on Blockchain and IPFS
- Relevant Coursework: Software Quality Assurance, Information Security, Mobile Development, Automation Testing, Ethical Hacking.

PROJECTS

API Testing with OpenWeatherMap

Automation Tester.

- Executed and refined functional and performance tests for OpenWeatherMap API using Postman, Developing 20+ automated test scenarios with 100% coverage.

- Reduced API response time issues by 15% through problem analysis, conserving 10 hours of manual testing monthly.

E-Commerce Website Testing

Quality Assurance

- Fortified application stability by devising and executing evaluation scenarios to ensure compliance with Selenium, detecting 15+ defects and ensuring compliance with quality standards.
- Strengthened security by 10% through detailed bug reports addressing vulnerabilities.

SPMB Del Institute of Technology

Quality Assurance and Web Developer

- Developed a new student admission website through software development in an Agile team of 6, implementing sprint-based QA cycles to ensure timely delivery.
- Executed manual testing and implemented automation using Katalon Studio, creating test cases to assess product specifications, identifying 10+ defects and ensuring 98% defect-free functionality.

LEADERSHIP EXPERIENCE

Chairman, 3DC Student Activity Unit
01/2025

10/2023 –

Del Institute of Technology, Laguboti

- Directed a 15-member team to execute 10+ campus events with 200+ attendees, overseeing budgets with 100% accuracy.

Treasurer, Department of Arts and Culture
– 11/2024

08/2023

Del Institute of Technology, Laguboti

- Managed finances for 15 events, ensuring zero budget discrepancies with accountable oversight

SKILLS

Technical Skills

- Quality Assurance : Manual Testing, Automated Testing, Test Planning, Regression Testing, Bug Tracking, Agile Testing, Performance testing
- Testing Tools : Katalon Studio, Selenium, Postman, JMeter
- Programming : Java, Kotlin, HTML, CSS

Soft Skills : Leadership, Communication, Creative Thinking