

TIUR JULIANA SITORUS

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Toba, North Sumatra

IT diploma student with hands-on software testing experience (manual black-box testing and Katalon Studio automation) and a solid foundation in system analysis (UML, BPMN). Seeking a QA Tester or System Analyst opportunity.

Project Experience

Del Institute of Technology (Final Project, Semester 4) - Sitoluama, Toba — Feb 2026 - Jun 2026
System Analyst & Testing Contributor
Library information system built with Laravel, covering library services and collections.

- Designed and executed functional test cases with Katalon Studio (part of a team's 22 test cases), including invalid-input validation such as login error handling
- Mapped current-system processes and designed the target system in BPMN for library services and collections
- Designed a use case diagram (admin, user, guest) and produced class, sequence, ERD, CDM, and PDM diagrams

Del Institute of Technology (Final Project, Semester 2) - Sitoluama, Toba — Jan 2025 - Jun 2025
System Analyst & QA Contributor
Website for Universal English Course (UEC) Laguboti

- Contributed to manual black-box functional testing of the UEC website across 37 test cases, covering valid and invalid input scenarios
- Documented test scenarios, expected results, and outcomes in the Product Testing report
- Modeled requirements with use case, BPMN, and sequence diagrams for a Laravel and MySQL web application

Del Institute of Technology - Sitoluama, Toba, North Sumatra — Apr 2025 - Jun 2025
UI/UX Designer
Usability evaluation and redesign of Rumah Kreatif Toba, a web-based marketplace for local MSMEs in Toba Regency.

- Evaluated the Rumah Kreatif Toba website through a heuristic evaluation (13 usability principles) and a competitive analysis against Shopee, Tokopedia, and Blibli
- Measured usability with the System Usability Scale (10 respondents, average score 67.75) and proposed 15 new features with sitemap, task flow, and user flow designs

Skills

Testing & Quality Assurance: Manual Testing, Test Case Design, Black-Box Testing, Automation Testing (Katalon Studio), API Testing (Postman), Test Documentation

System Analysis & Design: UML (Use Case, Class, Sequence Diagrams), BPMN, ERD, CDM, PDM, Requirements Modeling, Diagramming Tools (Visual Paradigm, draw.io)

Programming & Databases: Basic Programming (HTML, CSS, JavaScript, PHP, Python), Laravel, MySQL, PostgreSQL

UI/UX Design: Figma, Canva, Wireframing, Prototyping, Usability Evaluation (System Usability Scale, Heuristic Evaluation), Business Model Canvas

Tools: Git, GitHub, Trello, Microsoft Excel, Microsoft Word

Soft Skills: Continuous Learning, Problem Solving, Analytical Thinking, Teamwork & Collaboration, Responsibility, Communication

Education

Del Institute of Technology - Sitoluama, Toba, North Sumatra, Indonesia — Aug 2024 - Sep 2027 (Expected)
Diploma in Information Technology

SMA Negeri 1 Parmaksian - Parmaksian, Toba, North Sumatra, Indonesia
High School Natural Sciences

Organizational Experience

Information Technology Student Association - Sitoluama, Toba, North Sumatra — Sep 2024 - Jan 2027
Member

- Participated actively in organizational programs and activities
- Collaborated with fellow members to support student events and initiatives

Inauguration & Graduation Committee, Del Institute of Technology - Sitoluama, Toba — Sep 2026
General Affairs Committee Member

- Supported event preparation, logistics, and on-site coordination for the Inauguration and Graduation Ceremony

Certifications & Publication

- Oracle Cloud Infrastructure Certified AI Foundations Associate, Oracle University (Sep 2026, valid until Sep 2028)
- AWS Academy Graduate - Generative AI Foundations, AWS Academy (Sep 2026, 12 hours)
- Web Development Series 16.0, Dibimbing (Jul 2026)
- DevOps Engineer Online Event, Dibimbing (Jul 2026)
- Manuscript contributor, "Aljabar Linear 2" (Linear Algebra 2), CV Eureka Media Aksara, 2026 (ISBN 978-634-315-332-0)