

VIKTRIS MARIA KRISTRIANI LUBIS

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Balige, North Sumatera, Indonesia

An Informatics student at Del Institute of Technology (6th semester) with a strong interest in Software Quality Assurance Testing and web development. Enthusiastic about technological innovation and skilled in ensuring software quality through meticulous testing processes. Highly detail-oriented, problem-solving, leadership, continuous learning, and effective communication. Highly curious and eager to contribute to the development of information technology. Dedicated to building a diverse skillset and making meaningful contributions within and beyond academics.

Education

Institut Teknologi Del - Sitoluama, Kec. Laguboti, Toba, Sumatera Utara

Jul 2022 - Aug 2026 (Expected)

Bachelor of Informatics, (3.56/4.00)

- Awarded a **merit scholarship** for the 5 highest GPA students in the Informatics study program in the odd semester of 2022/2023.
- Relevant Courses: Software Quality Assurance and Testing, Website-based Application Development, Software Design and Analysis, Information Security and Cryptography, Programming with C, Java, Kotlin, Python, Logics of Informatics, Database, Operating Systems, Algorithms and Data Structures, Mobile Application Development, Probability and Statistics, Mathematics, Discrete Mathematics, Linear Algebra, Artificial Intelligence, Scientific Writing, Digital Innovation

Projects

IT Del Informatics Website

Oct 2024 - Dec 2024

Scrum Master, Quality Assurance, Web Developer

The Informatics website is a platform that provides various information on the Bachelor of Informatics study program. Through this site, visitors can find information about the background, history, curriculum, and academic community of the Bachelor of Informatics Study Program at the Del Institute of Technology.

- Implemented software testing strategies using manual testing and automation testing with Katalon to ensure the reliability and functionality of the website.
- Developed an alumni and competition module based on client requirements to enhance the website's functionality and improve alumni engagement.
- Facilitated Scrum ceremonies as Scrum Master, including daily stand-ups, sprint planning, reviews, and retrospectives to ensure smooth project execution and team collaboration

IT Del Lost and Found Website

Oct 2024 - Nov 2024

Quality Assurance, Developer

The Lost and Found website at IT Del is a platform designed to help students report and track lost or found items within the campus. This website allows users to add lost items, provide detailed descriptions and update the status of the item.

- Conducted manual testing to verify core functionalities, including reporting lost items, updating statuses, and searching for items.
- Developed the Lost and Found website using NodeJS, ReactJS: Hooks and Redux.

IT Del Alumni and Career Information System

Jan 2025 - Present

Web Developer

This project involves the development team working together to build a web-based career and alumni information system for IT Del, aimed at supporting students' career advancement and enhancing alumni engagement.

- Developed the web application using Laravel, providing a scalable and efficient system for managing user interactions, alumni network, and tracer study
- Worked within an agile scrum framework, coordinating with Project Manager, Analyst, Designers and QA learn to ensure smooth development and delivery

Experiences

Institut Teknologi Del - North Sumatera, Indonesia

Aug 2024 - Present

Teaching Assistant of Computer Architecture and Organization

- Assisted students in understanding fundamental concepts of computer architecture, including processor design, memory hierarchy, and instruction set architecture.
- Evaluated assignments, provided constructive feedback, and facilitated discussions to enhance students problem-solving skills.
- Tools : CPU Simulator, Visual Studio Code, MARS Simulator

Teaching Laboratory of Fundamental Physics IB & Physics II

- Help first year students understand physics concepts in Physics Laboratory Sessions
- Supervised and assisted 70+ students for two semesters
- Evaluated students' practicum work and report to laboratory coordinator.

Organisational Experience

Students Oriented Program - Del Institut of Tecnology

Aug 2023

- Lead around 450+ new students to recognize a disciplined and integrity boarding life by teaching table manners, time management, and ethics code.
- Demonstrated problem-solving skills by addressing challenges during events and ensuring a positive experience for participants.
- Managed a team to ensure smooth event execution, fostering teamwork and effective communication.

Students Leadership Program - Del Institut of Tecnology

Aug 2023 - May 2024

- Providing one-on-one guidance to first-year students, offering academic support, personal advice and career guidance to help them navigate their educational journey.
- Served as a positive role model, demonstrating the values and behaviors that contribute to personal and academic success.
- Maintained open and effective communication with mentees (adik asuh) , to ensure the smooth operation of the program and address any issues or concerns.

HIMASTI (Informatics Student Association) - Del Institut of Tecnology

Oct 2023 - May 2024

Vice Head of Education Division

- It is a division tasked with helping provide education needs such as tutorials to informatics students.
- Managed a team to organize training sessions, mentoring programs, and knowledge-sharing events.

Skills

- **Web Programming** :PHP, HTML, CSS, JavaScript, Bootstrap, Tailwind
- **Testing**: Manual & Automation Testing, Writing & Executing Test Cases, Bug Reporting & Documentation
- **Soft Skills**: Teamwork,Communication, Problem Solving, Adaptability,Time Management
- **Tools**: GitHub , Coda, Visual Studio Code, Postman, Katalon
- **Language**: Bahasa Indonesia (Native), English (Intermediate)