

# VIKTRIS MARIA KRISTRIANI LUBIS

+62 821 6338 2898 | kristrianiviktris@gmail.com | <https://www.linkedin.com/in/viktrislubis> | <https://github.com/viktrislubis>

North Sumatera, Indonesia

A final year Informatics student at Del Institute of Technology with a strong passion for Web Development and Software Engineering. Highly curious and enthusiastic about technological innovation, meticulous in software testing, and committed to continuous learning. Committed to continuous learning and contributing to building reliable and sustainable technology. Responsible, adaptable, and eager to collaborate in a team environment.

## Education

### Institut Teknologi Del

Jul 2022 - Aug 2026 (Expected)

*Bachelor of Undergraduate Informatics, (3.58/4.00)*

- Awarded a **merit scholarship** for the 5 highest GPA students in the Informatics study program in the odd semester of 2022/2023.
- Relevant Courses: Website-based Application Development, Software Quality Assurance and Testing, 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, Web Developer*

The Informatics website is a platform that provides various information on the Bachelor of Informatics study program.

- Developed an alumni and competition module based on client requirements to enhance the website's functionality and improve alumni engagement.
- Integrated dynamic content management and database interactions using Laravel's MVC architecture
- Facilitated Scrum ceremonies as Scrum Master, including daily stand-ups, sprint planning, sprint reviews, and sprint retrospectives to ensure efficient project execution and team collaboration

### IT Del Lost and Found Website

Oct 2024 - Nov 2024

*Fullstack 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.

- Built dynamic and responsive user interfaces using ReactJS (Hooks & Redux) to support full CRUD functionality for lost and found items.
- Designed and implemented user-friendly and item detail views to enhance item reporting and browsing experience.

### IT Del Alumni and Career Information System

Jan 2025-May 2025

*Web Developer, Mobile 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
- Developed Android mobile applications using Kotlin and refactored the backend into a microservices architecture.
- Collaborated in an Agile Scrum team with Project Manager, analysts, designers, and QA to ensure high-quality delivery.

## Experiences

### Institut Teknologi Del - North Sumatera, Indonesia

Aug 2024-May2025

*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 – Institut Teknologi Del

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 – Institut Teknologi Del

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) – Institut Teknologi Del

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

- **Programming** :PHP, HTML, CSS, JavaScript, Laravel, Bootstrap, Tailwind, Python, Java, C, Kotlin, SQL
- **Soft Skills**: Teamwork,Communication, Problem Solving, Adaptability,Time Management
- **Tools**: GitHub , Coda, Visual Studio Code, Android Studio, Postman
- **Language**: Bahasa Indonesia (Native), English (Intermediate)