



# MISAEEL ELUL TAMPUBOLON

Medan, Sumatera Utara

[081271374310](https://www.linkedin.com/in/misael-tampubolon/) | [misaeltampubolon9@gmail.com](mailto:misaeltampubolon9@gmail.com) | <https://www.linkedin.com/in/misael-tampubolon/> | <https://misaeltpb.github.io/portofolio/>

Final year Computer Science student with interests in DevOps, Quality Assurance, Networking, and Web Development. Experienced in system analysis, project development, and collaborative teamwork. Adaptable, detail-oriented, and capable of learning new technologies quickly.

## Education

**Institut Teknologi Del - Laguboti, Indonesia**

*Aug 2023- Present*

*Diploma In Computer Teknologi – GPA 2.85/4.00*

## Project Experience

### **Food ordering application using QR Code**

*Jan 2024- Jun 2024*

1. Built a QR-based ordering system with menu display and order submission.
2. Designed UI and performed functional testing.

### **Fish feeding and water quality monitoring system powered by solar energy**

*Jan 2025-Jun 2025*

1. Implemented remote monitoring via Blynk IoT and solar-powered operation.
2. Developed an IoT system using ESP32, pH sensor, ultrasonic sensor, RTC, servo, relay, LCD.

### **CRC program for data error detection**

*Oct 2023-Dec 2023*

1. Implemented CRC algorithm in C for error detection in data transmission.
2. Performed polynomial division and remainder verification to ensure accurate data integrity checking.

### **Company Website Design and Development**

*Jun 2025-July 2025*

1. Independently designed and developed an official company website showcasing the company's profile, and services
2. Created the UI/UX and implemented the frontend using HTML, CSS, and JavaScript.
3. Enhanced skills in responsive design and modern web development practices.

## Organisational Experiences

### **Student Association of computer engineering - HIMATEK**

*Aug 2023 – Present*

*Institut Teknologi Del - Laguboti, Indonesia*

1. Participated in member development programs to enhance both technical and soft skills.
2. Engaged in various organizational activities and collaborative projects with Computer Engineering students.

## Skills

**Soft Skills :** Adaptability, Communication, Team Collaboration, Problem Solving, Self-Motivated, Leadership, Project Management, Creativity, Time Management.

**Hard Skills :** DevOps (CI/CD, Docker, Kubernetes), Cloud Computing (AWS, Azure, GCP), Embedded Systems, Networking, Web Development (HTML, CSS, JS, PHP, MySQL), Automation Testing (Selenium, Robot Framework), Version Control (Git/GitHub), Programming (Java, Python, C), Quality Assurance (Manual & Automation Testing, API Testing), Front-End (HTML, CSS, JS, React).

**UML :** Use Case, BPMN, Class Diagram, Sequence Diagram, CDM, PDM, ERD.

## Certification

- LatiHacks Certificate - [https://drive.google.com/file/d/11PNf0K3DRox4wg7AvmJt\\_O4Dz8gU6E4v/view?usp=drive\\_link](https://drive.google.com/file/d/11PNf0K3DRox4wg7AvmJt_O4Dz8gU6E4v/view?usp=drive_link)
- RevoU Certificate - [https://drive.google.com/file/d/15tRiEc0VhKw2R4lZ9EuU7sDYT5WVYy9np/view?usp=drive\\_link](https://drive.google.com/file/d/15tRiEc0VhKw2R4lZ9EuU7sDYT5WVYy9np/view?usp=drive_link)
- Palo Alto Network Certificate - [https://drive.google.com/file/d/1otWtadd8EApsLPjY02TWIB69a6KPq8H/view?usp=drive\\_link](https://drive.google.com/file/d/1otWtadd8EApsLPjY02TWIB69a6KPq8H/view?usp=drive_link)
- Palo Alto Network Certificate - [https://drive.google.com/file/d/186Ro0bur8Omc6Zgcc5VomLTVe-mMU5N4/view?usp=drive\\_link](https://drive.google.com/file/d/186Ro0bur8Omc6Zgcc5VomLTVe-mMU5N4/view?usp=drive_link)

