



IRVAN AGUSTRIONO LUMBAN GAOL

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Jalan Makmur No.90,Siborongborong,Tapanuli Utara,Sumatera Utara,Indonesia

I am a student at Del Institute of Technology, majoring in Information Technology. During my studies, I successfully completed a final project and gained hands-on experience developing web and mobile applications. I have strong skills in Laravel, JavaScript, CSS, MySQL, Java, SQL, Dart (Flutter), and Python, and I am passionate about continuing to learn and adapt to new technologies.

Through various academic and personal projects, I have built a solid foundation in front-end and back-end development, and I am motivated to contribute fresh ideas, creativity, and dedication as I begin my professional career.

Education Level

Institut Teknologi Del - Laguboti

Diploma in Information Technology, 3.04/4.00

Projects

FIRST YEAR PROJECT- Roiyall Coffee Website -

Feb 2024 - Jul 2024

Siborongborong

Frontend Developer

- Utilized PHP with the Laravel framework, JavaScript, and MySQL to build and manage the website.
- Designed and implemented the frontend interface ensuring compatibility across various devices.
- Create and manage MySQL database to store and retrieve data related to Roiyall coffee.

SECOND YEAR PROJECT- Siborongborong Community Health Center Mobile Application (PUSMASIB) - Siborongborong

Jan 2025 - Jun 2025

Project Manager

- Implementing the frontend using Flutter to ensure high performance and cross-platform (Android/iOS) consistency.
- Firebase integration utilizes Firestore as a structured data store and Firebase Authentication for secure user sign-in/registration.
- Developing key features such as online visit registration, real-time queue notifications, and viewing patient medical history.
- Developing a backend using the Laravel (PHP) framework to build an API that serves as a communication bridge between the mobile application and the database.

Online Shoe Sales App: KicksNStyle - Laguboti

Nov 2024 - Dec 2024

Fullstack Developer

- The frontend implementation uses Flutter to ensure high performance and cross-platform consistency (Android/iOS).
- The backend development uses the Laravel (PHP) framework to build an API that serves as a communication bridge between the mobile app and the database
- The Firebase integration leverages Firestore as a structured data store and Firebase Authentication for secure user sign-in/registration.

Design and Build LPK MORI Website - Siborongborong

Nov 2025 - Present

Project Manager

- Leading the development of an LPK registration information and management system using a modern stack of Laravel Inertia and ReactJS
- Design, configure, and manage relational databases using PostgreSQL to store data with high integrity.

Web Server Configuration in EC2

Apr 2025 - May 2025

Frontend Developer

- Launch and configure a public web server using an Amazon EC2 instance (type t2.micro) running the Amazon Linux 2023 AMI
- Set up a Security Group to allow traffic on critical ports SSH (22) and HTTP (80), and manage secure remote access using a .pem key pair Deploy and modify website statistics (index.html) directly in the server directory using the nano text editor.

Organisational Experience

Himpunan Mahasiswa Teknologi Informasi (HIMATIF) - Institut Teknologi Del

Aug 2024 - Dec 2025

Vice Chairman

- Leading and managing the organization's operations together with the Chair, responsible for the strategic implementation of work programs that focus on developing soft skills and hard skills of IT students.
- Actively support and advance the Study Program through non-academic curriculum development initiatives, bridging communication between students and academics.

- Act as the primary coordinator between departments, ensuring efficient resource allocation and harmonious team collaboration in executing various initiatives.

Cadres of The Information Technology Student Association Class of 2024 - Institut Teknologi Del

Deputy Chairman of the committee

Sep 2024

- Directly responsible for the smooth operation and execution of student cadre development events
- Supervise and coordinate the work of all committee divisions, ensuring that all teams move synergistically according to the established timeline.

Skills, Achievements & Other Experience

- **Projects**  (2025): Full Stack Application Development Capstone Project
- **Projects**  (2025): Full Stack Software Developer Assessment
- **Webinars Attended**  (2025): Software Quality Assurance and Testing
- **Webinars Attended**  (2025): Software Developer Career Guide and Interview Preparation
- **Projects**  (2025): Developing Front-End Apps with React
- **Achievements**  (2025): TOEFL ITP Score 500/677