



# ANDRI AGUNG EXAUDI SIGIRO

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Samosir, Sumatera Utara – Indonesia

A final-year Information Technology student at Del Institute of Technology with practical experience in backend and frontend development. Strong skills in JavaScript (Node.js), Python, PHP, Golang, Java, ReactJS, Swift, Dart (Flutter), Laravel, and Next.js. Experienced in designing and optimizing database queries, building RESTful APIs, and developing responsive and scalable web and mobile applications. Able to integrate systems with IoT devices using various microcontrollers and currently deepening expertise in the Internet of Things (IoT) and Machine Learning to deliver smarter and more automated solutions. Recognized as an adaptable, proactive, and leadership-oriented individual, with a strong passion for contributing to an innovative and collaborative work environment.

## Education Level

<b>Institut Teknologi Del - Laguboti, Toba, Sumatera Utara 22381</b>	Aug 2023 - Jun 2026 (Expected)
<i>Diploma in Information Engineering, 3.36/4.00</i>	
<ul style="list-style-type: none"><li>• Related Courses: Web Development, Mobile Application Development, Database Systems, Algorithms, Machine Learning, Internet of Things</li><li>• Building projects such as application website and application mobile projects</li><li>• Developed web and mobile application projects to enhance user engagement and functionality</li><li>• Committee Member: Del Festival 2024</li></ul>	

## Experiences

<b>Del of Institute Technology - Laguboti, Toba, Sumatera Utara 22381</b>	Aug 2024
<i>Head of Event Division</i>	
<ul style="list-style-type: none"><li>• Contributed to designing 17 types of matches that can be participated by many people to celebrate independence</li><li>• Contribute to handling events attended by people from various regions</li><li>• Trusted to be the MC at an event to celebrate the independence of the Republic of Indonesia</li></ul>	
<b>Del of Institute Technology - Laguboti, Toba, Sumatera Utara 22381</b>	Sep 2024
<i>Event Division</i>	
<ul style="list-style-type: none"><li>• Organized INALUM-sponsored quiz competition for students (elementary to high school level)</li><li>• Supervised technical and logistical aspects to ensure smooth execution</li><li>• Ensure all equipment has been tested before the event starts</li><li>• Enforced fair competition rules and anti-cheating protocol</li></ul>	
<b>Del of Institute Technology - Laguboti, Toba, Sumatera Utara 22381</b>	Sep 2024
<i>Escort at Inauguration and Graduation events</i>	
<ul style="list-style-type: none"><li>• Contribute to receiving guests</li><li>• Contribute to securing ongoing activities</li><li>• Contribute to being a VIP guest guard</li></ul>	

## Organisational Experience

<b>Institut Teknologi Del - Laguboti, Toba, Sumatera Utara</b>	Aug 2024 - Present
<i>Student Leadership for New Student</i>	
<ul style="list-style-type: none"><li>• Foster Brother</li><li>• Guiding new students to understand campus life</li><li>• Guiding new students when they have difficulties in learning</li></ul>	
<b>General Election Commissions Himatif - Laguboti, Toba, Sumatera Utara</b>	Aug 2025 - Present
<i>Chairman</i>	
<ul style="list-style-type: none"><li>• Leading the entire election process</li><li>• Coordinating members and committees</li><li>• Drafting and ratifying election regulations</li><li>• Overseeing the transparency and integrity of elections</li></ul>	

## Skills & Projects

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- **Projects** (2024): HKBP Silaen Website (Laravel) – Project Manager
- **Projects** (2025): Mobile Application Development for Fertile Chicken Egg Detection System Using IoT-Based deeplearning- Project Manager
- **Projects** (2024): Diary Book Using sqflite (Flutter + sqflite)
- **Projects** (2024): Building a cafe mobile app (Flutter)
- **Projects** (2025): Building BEM Management System IT Del (Next js)
- **Achievements** (2024): Peserta Competitive Programming
- **Projects** (2025): Desa Ambarita Village App (Laravel + Flutter) - Project Manager
- **Achievements** (2025): Peserta Gemastik 2025
- **Achievements** (2025): Peserta PKM 2025
- **Hard Skills:** Web Development, Mobile Development, Programming Languages, Database Management, API Development, Internet of Things (IoT), Framework and OOP, Git & Version Control, AWS Cloud, Computer Vision, Embedded Systems.
- **Achievements** (2025): Data Analytics
- **Language:** Indonesia (Native) / English (Beginner)
- **Soft Skills:** Effective Communication, Leadership Ability, Teamwork & Collaboration, Analytical Thinking, Creative Problem-Solving, Strong Time Management.