



# SAMUEL CHRISTY ANGIE SIHOTANG

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[samz.my.id](https://samz.my.id) | Medan, Indonesia

I have worked on more than 7 development projects, gaining expertise across the full development lifecycle. My skills range from building secure back-end APIs and database integrations to developing responsive applications that support data management, reporting, automated email delivery, and payment gateway integration.

## Work Experiences

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| <b>PT Tera Multi Wahana - Remote</b><br><i>IT Developer Intern</i> <ul style="list-style-type: none"><li>Developed a robust API using C# and the .NET Framework to facilitate direct communication with the database, providing endpoints for front-end consumption.</li><li>Built a comprehensive web application with Dart and Flutter, featuring pages for data processing and reporting that interact seamlessly with the back-end API.</li><li>Created a desktop application using XAML for data processing and management.</li></ul> | Aug 2024 - Jun 2025 |
| <b>PT Infosys Solusi Terpadu - Remote</b><br><i>Backend Developer Intern</i> <ul style="list-style-type: none"><li>Engineered middleware using Java to process and manage data within the Software AG platform.</li><li>Implemented a crucial data validation layer to enhance the security and integrity of the financial program.</li></ul>                                                                                                                                                                                              | Jun 2024 - Aug 2024 |
| <b>Insitut Teknologi Del - Toba</b><br><i>Object-Oriented Programming Teaching Assistant</i> <ul style="list-style-type: none"><li>Assist students in understanding object-based programming concepts in java, such as the use of model and driver.</li></ul>                                                                                                                                                                                                                                                                              | Jan 2024 - Apr 2024 |
| <b>BTPN Syariah - Remote</b><br><i>Project-Based Virtual Intern : Fullstack Developer BTPN Syariah x Rakamin Academy</i> <ul style="list-style-type: none"><li>Developed a web application using the Gin framework in GO language, integrating MySQL database and JWT for user authentication.</li><li>Implemented CRUD functionalities for user and photo management, allowing users to register, login, upload, edit photos, and manage profiles.</li></ul>                                                                              | Mar 2024 - Apr 2024 |
| <b>PT Bank Mandiri (Persero) Tbk. - Remote</b><br><i>Project-Based Virtual Intern : Mobile Application Developer Bank Mandiri x Rakamin Academy</i> <ul style="list-style-type: none"><li>Developed Mandiri News App, a Flutter-based mobile application.</li><li>Integrated News API to provide users with current news articles for a convenient news reading experience.</li></ul>                                                                                                                                                      | Mar 2024 - Apr 2024 |
| <b>Insitut Teknologi Del - Toba</b><br><i>Algorithms and Data Structures Teaching Assistant</i> <ul style="list-style-type: none"><li>Teach about data structures, such as linked list, stack, tree, graph, and heap so that students can create more complex algorithms.</li></ul>                                                                                                                                                                                                                                                        | Sep 2023 - Dec 2023 |
| <b>Bebras Biro Insitut Teknologi Del - Toba</b><br><i>Full-Stack Developer Interns</i> <ul style="list-style-type: none"><li>Design and implement front-end web pages with clean code structure, following UI/UX design principles.</li><li>Developed a back-end program to manage HTTP requests from the front-end and API while facilitating interaction with the database.</li></ul>                                                                                                                                                    | Jun 2023 - Aug 2023 |
| <b>Insitut Teknologi Del - Toba</b><br><i>Procedural Programming Teaching Assistant</i> <ul style="list-style-type: none"><li>Teach procedural programming concepts using the C programming language so that students can create simple programs.</li><li>Identifying the source of errors encountered by students in their programs, and guide them to solve it.</li></ul>                                                                                                                                                                | Jan 2023 - May 2023 |

## Education Level

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| <b>Institut Teknologi Del - Toba</b><br><i>Bachelor Degree in Information System, 3.65/4.00</i> <ul style="list-style-type: none"><li>Related Coursework: Visual Programming, Procedural Programming, Object Oriented Programming (OOP), Database, Software Engineering, Algorithm and Data Structure, Discreate Math, Probability and Statistics, Artificial Intelligence, Web Application Programming and Testing, Analysis and Design Systems.</li><li>Soft Skill: Educate, Teamwork and Discipline.</li></ul> | Sep 2021 - Sep 2025 (Expected) |
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Certified Independent Study in Web Development & UI UX Design – MSIB

- Related Coursework: Front End Development, Back End Development, UI UX Design, Cybersecurity, Cloud Computing, Project Management, Product Research
- Soft Skill: Collaboration, Communication and Adaptation

## Organisational Experience

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### Association Consultative Assembly - Toba

Sep 2023 – Apr 2024

Chairman

- Accommodate all aspirations and complaints of colleagues in the association.

### Del Programming Club - Toba

Sep 2023 – Apr 2024

Vice Chairman

- Participate with the chairman in running every Del Programming Club work program.

### Department Of Information And Communication - Toba

Dec 2022 - Aug 2023

Member

- Designing posters, flyers, Instagram posts, and other materials for campus events.

### Del Programming Club - Toba

Dec 2022 - Sep 2023

Member

- Participated in training held by Del Programming Club.

### Information Systems Student Association - Toba

May 2022 – Aug 2025

Member

- Participate in activities and events organized by the association.

## Skills

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### • Technical Skills

C#, .Net Framework, Laravel, Livewire, JavaScript, PHP, Flutter, Dart, Go (Programming Language), Gin, JSON Web Token (JWT), GORM, AlpineJS, Tailwind CSS, Android, Mobile Applications, Version Control System, Databases, Application Programming Interfaces (API), SQL, Debugging, Cascading Style Sheets (CSS), HTML, C (Programming Language), Java, Layout Design, Page Layout, Book Design, Illustration, Adobe Illustrator, Adobe Photoshop, Graphic Design, REST API.

### • Soft Skills

Problem Solving, Detail and Accuracy, Communication and Presentation Skills, Collaboration and Teamwork.

## Certifications

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- Software Engineer Certificate - HackerRank
- Problem Solving (Basic) Certificate - HackerRank
- Java (Basic) Certificate - HackerRank
- CSS (Basic) Certificate Skills - HackerRank

## Projects

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- **BTPNS - Web Application:** A web application built with GoLang and Gin for user and photo management, featuring registration, login, photo uploading and editing, as well as user profile management, utilizing JWT for authentication.
- **Mandiri News App:** The Mandiri News App is a Flutter-based mobile application that provides users with up-to-date news articles fetched from the News API, offering a seamless and intuitive news reading experience.
- **Laundry Del:** A website for students and laundry staff to track orders and clothes, using Laravel and Livewire.
- **Cafeteria:** A website assisting cafeteria operators in determining the ratings of their food menus.
- **Bebras Help Desk Application:** A web-based forum that helps educators discuss in a Q&A session together.
- **Mavie Cinema:** A cinema website equipped with subscription and payment gateway features, running on FrankenPHP.
- **Matauli GO App:** UI/UX design for an application facilitating teaching and learning interactions in schools. (<https://bit.ly/MatauliGoApp>)