SAMUEL CHRISTY ANGIE SIHOTANG

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Experienced in working on more than 8 development projects and honed my skills as a developer. My expertise spans the full development lifecycle, from creating secure back-end APIs that communicate directly with databases, to building responsive web applications for data management and reporting.

Work Experiences

PT Tera Multi Wahana - Remote   Aug 2024 - Jun 2025

IT Developer Intern

- Developed a robust API using C# and the .NET Framework to facilitate direct communication with the database, providing endpoints for front-end consumption.
- Built a comprehensive web application with Dart and Flutter, featuring pages for data processing and reporting that interact seamlessly with the back-end API.
- Created a desktop application using XAML for data processing and management.

PT Infosys Solusi Terpadu - Remote   Jun 2024 - Aug 2024

Backend Developer Intern

- Engineered middleware using Java to process and manage data within the Software AG platform.
- Implemented a crucial data validation layer to enhance the security and integrity of the financial program.

Insitut Teknologi Del - Toba   Jan 2024 - Apr 2024

Object-Oriented Programming Teaching Assistant

- Assist students in understanding object-based programming concepts in java, such as the use of model and driver.

BTPN Syariah - Remote   Mar 2024 - Apr 2024

Project-Based Virtual Intern : Fullstack Developer BTPN Syariah x Rakamin Academy

- Developed a web application using the Gin framework in GO language, integrating MySQL database and JWT for user authentication.
- Implemented CRUD functionalities for user and photo management, allowing users to register, login, upload, edit photos, and manage profiles.

PT Bank Mandiri (Persero) Tbk. - Remote   Mar 2024 - Apr 2024

Project-Based Virtual Intern : Mobile Application Developer Bank Mandiri x Rakamin Academy

- Developed Mandiri News App, a Flutter-based mobile application.
- Integrated News API to provide users with current news articles for a convenient news reading experience.

Insitut Teknologi Del - Toba   Sep 2023 - Dec 2023

Algorithms and Data Structures Teaching Assistant

- Teach about data structures, such as linked list, stack, tree, graph, and heap so that students can create more complex algorithms.

Bebras Biro Insitut Teknologi Del - Toba   Jun 2023 - Aug 2023

Full-Stack Developer Interns

- Design and implement front-end web pages with clean code structure, following UI/UX design principles.
- Developed a back-end program to manage HTTP requests from the front-end and API while facilitating interaction with the database.

Insitut Teknologi Del - Toba   Jan 2023 - May 2023

Procedural Programming Teaching Assistant

- Teach procedural programming concepts using the C programming language so that students can create simple programs.
- Identifying the source of errors encountered by students in their programs, and guide them to solve it.

Education Level

Institut Teknologi Del - Toba   Sep 2021 - Aug 2025 (Expected)

Bachelor Degree in Information System, 3.64/4.00

- 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.
- Soft Skill: Educate, Teamwork and Discipline.

Infinite Learning - Remote   Feb 2024 - Jun 2024

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

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

- **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

- **Problem Solving (Basic) Certificate - HackerRank**
- **Java (Basic) Certificate - HackerRank**
- **CSS (Basic) Certificate Skills - HackerRank**

Projects

- **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.
- **Cafetaria**: 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.
- **Matauli GO App**: UI/UX design for an application facilitating teaching and learning interactions in schools. (https://bit.ly/MatauliGoApp)