SAMUEL CHRISTY ANGIE SIHOTANG

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Toba, North Sumatera, Indonesia

Experienced working on more than 3 website development projects and honed my skills as a developer. Have taught and collaborated with a team of fellow teaching assistants. Known as a strategic thinker, good student and team leader and reliable teammate.

Work Experiences

Insitut Teknologi Del - Toba   Jan 2024 - Present
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 (Internship)

- 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.
- Deployed the finished website to the cloud for universal access at (https://bebras.samz.my.id).

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.

The Book "Semangat Uli Meraih Mimpi" - Toba   Mar 2023 - Apr 2023
Book Designer

- Design the visual elements of the book, encompassing layout, font selection, and cover imagery.
- Modify illustrations from other designers to align seamlessly with the content presented within the book.

The 2022 IEEE International Conference of SNIKOM - Toba   Oct 2022 - Nov 2022
Committee of Proceedings/Program Book

- Designing the overall visuals of the book, including tables, font size, font type, layout, and cover image.

Insitut Teknologi Del - Toba   Sep 2022 - Dec 2022
Visual Programming Teaching Assistant

- Sharpen students' computational thinking by creating simple programs without writing code using Flowgorithm.

Education Level

Institut Teknologi Del - Toba   Sep 2021 - May 2025 (Expected)
Bachelor Degree in Information System, 3.54/4.00

- 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, Lead and Discipline.

Infinite Learning - Remote   Feb 2024 - Jun 2024 (Expected)

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

Del Programming Club - Toba   Sep 2023 - Present

Vice Chairman

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

Association Consultative Assembly - Toba   Sep 2023 - Present

Chairman

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

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 - Present

Member

- Participate in activities and events organized by the association.

Skills

- **Technical Skills**

  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, Teaching.

Achievements

- **ICStar Hackathon 2023 Participants**

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 (laundry.samz.my.id).
- **Cafetaria**: A website assisting cafeteria operators in determining the ratings of their food menus (cafetaria.samz.my.id).
- **Bebras Help Desk Application**: A web-based forum that helps educators discuss in a Q&A session together (bebras.samz.my.id).
- **Matauli GO App**: UI/UX design for an application facilitating teaching and learning interactions in schools (bit.ly/MatauliGoApp).