

SAMUEL ALBI PULO S

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Bekasi City, West Java

I am a fourth-semester Information Technology student at the Del Institute of Technology with an interest in developing skills in the developer field, particularly as a Frontend Developer, Backend Developer, and Full-Stack Developer. I have experience in project assignments and as a teaching assistant in database management systems, which involve various development methods, including web application development and API development. I am proficient in using SQL queries, normalization, and MS Access. I possess expertise in writing clean code to ensure programs are easy to develop and read, communicate well, and work effectively in a team. I am skilled in using several development tools, such as Visual Studio Code, Postman, and XAMPP. My extensive experience and expertise can make a positive contribution to the company's success.

Educational Background

Del Institute of Technology - Laguboti, Indonesia <i>Diploma 3 Information Technology in Vocational Faculty, GPA: 3.33/4.00</i> <ul style="list-style-type: none">Assistant Lecturer in Community Service at SMKN 2 Balige	Aug 2022 - Present
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Professional Experience & Organization

Google Developer Student Clubs IT Del - Laguboti, Indonesia <i>Member</i> <ul style="list-style-type: none">Participated in educational programs organized by the Google Developer Student Clubs Center.Reached the final stage of the Hackfest competition organized by Google Developer Student Clubs.	Oct 2023 - Present
Del Institute of Technology - Laguboti, Indonesia <i>Student Leadership Program</i> <ul style="list-style-type: none">Guided and provided assistance to new students throughout their first year on campus.Helped new students adjust to the campus environment by offering advice.Cared for 14 new student siblings within a single foster family.	Aug 2023 - Jun 2024
Del Institute of Technology - Laguboti, Indonesia <i>Teaching Assistant</i> <ul style="list-style-type: none">Managed a MySQL Database Management System.Assisted in teaching the Introduction to Database course.Instructed over 50 students.Developed guideline documentation for students.Collaborated with a team of Teaching Assistants and Lecturers for the database introduction course.Generated assignment and exam questions, and created instructional videos for students after every other learning session.Reviewed assignment and exam results, and provided feedback through video assessments for students.	Feb 2024 - May 2024

Projects

Final Project 2 - Del Clinic App (Link Project) <i>Frontend, Backend and Project Manager</i> <ul style="list-style-type: none">Collaborated with team members to analyze requirements and translate them into technical specifications.Developed a mobile-based Information System Del Clinic App using the Flutter framework.Created a website-based application for Admin using the React JS framework.Built an API-based backend using Golang Fiber and Golang Object-Relational Mapping.Managed the Database Management System with MySQL.Managed the team by monitoring that all application implementations are in line with the design.	Feb 2024 - Jun 2024
Distributed Programming Final Project - Del Clinic Microservice API (Link Project) <i>Backend and Project Manager</i> <ul style="list-style-type: none">Collaborated with team members to analyze requirements and translate them into technical specifications.Developed Microservice API-based solutions using Golang's Fiber framework and Golang's Object Relation Model.Utilized Postman for API testing and MySQL for Database Management System.Wrote clean, efficient, and maintainable code following project requirements and coding standards.	Apr 2024 - Jun 2024
Final Project 1 - Lumban Binanga Village Wesbite (Link Project) <i>Frontend, Backend and Project Manager</i> <ul style="list-style-type: none">Conducted and gathered data requirements for the Lumban Binanga Village Website.Created technical documents for website design.Developed the system using the Laravel framework.Generated 8 sequence diagrams, Business Process Models and Notations, entity relationship diagrams, class diagrams, use case	Feb 2023 - Jun 2023

diagrams, and use case scenarios based on the previously conducted requirements gathering.

Website Development 1 - Huta Siallagan Wesbite ([Link Project](#))

Oct 2022 – Dec 2022

Frontend

- Performed and gathered data requirements for the Huta Siallagan Website.
- Created technical documents for website design.
- Developed the program using HTML5, CSS3, and JavaScript ES12.

Competition

Google Hackfest Competition ([Certificate](#))

Feb 2024 - Jun 2024

Hustler

- Designing a solution for the 17 sustainable development goals, with a focus on zero hunger and quality education within the system being designed.
- Designing how to make the application relevant to the target community by utilizing the business model canvas for the designed application.
- Reached the final stage out of 150+ teams by developing an innovative tech solution.

Himatif Coding Competition ([Certificate](#))

Jul 2023

Team Leader

- Won 3rd place at the Himatif Coding Day, competing against over 20 groups of 3 people.
- Successfully tackled more than 5 problems of varying difficulty levels, utilizing the C language on the HackerRank platform.

Technical Skills

- **Programming languages:** Java, GO, C, C#, PHP, SQL, JavaScript, Kotlin, Dart.
- **Tools Code Editor & Modelling:** Visual Studio Code, StarUML, Bizagi, PowerDesigner, dan Visual Paradigm, Postman.
- **Tools Designs:** Figma, Canva, Adobe Photoshop.
- **Software Development Life Cycle:** Agile, Waterfall, Scrum and V-model.
- **Version Control:** Github.
- **Documentation:** Google Docs, Google Sheets, Google Slides.
- **Frontend Framework:** React JS.
- **Backend Framework:** Golang Fiber, Golang Object Relation Model.
- **Fullstack Framework:** Laravel, ASP.NET
- **CSS Framework:** Tailwind CSS 3.0 and Bootstrap 5.2.3.
- **Architectural Patterns:** Object Oriented Programming (OOP), and Model View Controller (MVC).
- JavaScript Object Notation (JSON).
- HyperText Markup Language 5 (HTML5).
- Cascading Style Sheets 3 (CSS3).
- Data Structure Algorithms.
- Microservices / Distributed Programming.
- **Language:** Indonesia (Native), English (Proficient).

Soft Skills

- Ability to develop Web Application.
- Critical Thinking.
- Ability to develop API: RESTful API & Microservice API.
- Adaptable easily in new place and condition.
- Ability to solve problems.
- Love to learn new things.
- Ability to work in a team and have responsibility.
- Ability to communicate and work well with teams.
- Ability to propose innovative and creative ideas.