

Muhamad Saman

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PERSONAL SUMMARY

I am a tech enthusiast with a passion for software development, especially on the server-side. I am always eager to learn new things and stay up-to-date with the latest technologies. My quick learning ability has allowed me to master various programming languages and frameworks, including Next.js, TypeScript, Golang, and gRPC. I am confident that my enthusiasm and skills would make me a valuable asset to your team

EDUCATION

Kalimantan Institute of Technology

(2021 – Now)

S-1 Informatika

3.53/ 4.00

- Learning the flow of software development from analysis to deployment along with various methodologies (Software Implementation and Testing (IPPL) course).
- Learning the development of web-based applications both from the client and server side (Web-based Application Development course).
- Studying relational databases from basic things such as normalization and ERD to advanced things such as transactions, indexing, to REST API (Database System (SBD) and Database Management (MBD) courses).

Studi Independent Skilvul

Skilvul #Tech4Impact: Full-Stack Web Development

(August– December 2023)

- Learn Product Innovation & Development.
- Understand Javascript to ReactJS as support in the field of FrontEnd Development.
- Understanding database management tools namely MySQL and MongoDB as support in the field of BackEnd Development.
- Understand teamwork using Github collaboration.
- Completed a large project, namely creating a Mental Health Consultation Website both from the Frontend and Backend sides.

ORGANIZATIONAL EXPERIENCE

Himpunan Mahasiswa Informatika ITK

Liaison Officer (LO)

(September 2022 – December 2022)

- Delivering material to 2022 informatics and digital business students as an initial provision in pursuing education at the Kalimantan Institute of Technology.
- Collaborate with the student resource development department in creating excellent, creative and innovative student cadres.

Staff Kesejahteraan Mahasiswa

(February 2023 – July 2023)

- Organized active tutoring for UTS and UAS preparation aimed at new students.
- Conducting Comparative Studies between Ormawa both inside and outside Kalimantan Institute of Technology.

CERTIFICATIONS

Dicoding

Learn to Make Flutter Apps for Beginners

(August 2022 – September 2025)

- Understand how flutter works for developing multi platform applications.
- Learning various common widgets commonly used to develop flutter apps.

Learn Basic JavaScript Programming

(December 2022 – December 2025)

- Understand the role of Javascript to develop various client and server applications.
- Understand the implementation of Javascript program code logic

Learn to Build Back-End Applications for Beginners

(August 2022 – December 2025)

- Understand how to develop backend applications using javascript.
- Understand how to create REST APIs in various types of requests and responses.

PROJECTS

Kalimantan Institute of Technology

Mobile Legend Database Mock REST API (MBD Course)

(August - Desember 2023)

- Designing entity relational diagram for mobile legend mock database
- Writing SQL queries for database CRUD operations.
- Developed a REST API as the SQL query interface.

Technology used : Go, Go Fiber, MySQL

Employee Management Application Backend (IPPL Course)

(February - May 2024)

- Designing the architecture of the backend application achieved.
- Develop a REST API as an interface between the server and the client side.

Technology used : Typescript, PostgreSQL, Prisma, Express.js

Freelance

Landing Page Semiotika 2023

- Develop an official website for the National Seminar on Information Technology and Mathematics (Semiotika) 2023.

Technology used : Javascript, React.js, Tailwind CSS

Sistem Informasi Teknik Industri ITK (SITI ITK)

- Develop the user interface of the website based on the agreed requirements.
- Develop CRUD logic to make the website dynamic

Technology used : PHP, Laravel, Inertia.js, React.js, Tailwind CSS, MySQL

Studi Independent Skilvul

FullStack Development Aplikasi InCare

(August – December 2023)

- Responsible for the development of integration between backend and frontend in InCare application.
- Create API endpoints on the backend side to communicate with the frontend.
- Design and implement UI components on the frontend to interact with the backend.
- Synchronize and ensure efficient data flow between server and user interface.
- Perform debugging, integration testing, and performance optimization of user interface and backend.

Technology used : Javascript, React.js, Tailwind CSS, Redux, Express.js, Mongo DB

TECHNICAL SKILLS

Programming Language : Python, HTML, Javascript, Go, Java, Dart, Typescript, PHP

Frontend : React, Next.js, Tailwind CSS, Bootstrap, Redux, Flutter, Riverpod

Backend : Go Fiber, Express.js, Node.js, Laravel

Database : My SQL, PostgreSQL, Mongo DB, Redis

ORM : Prisma, Sequelize, Laravel Eloquent

Tools : Git & Github, GCP (Basic), Docker

Software : Microsoft Office, Canva