



# Ferdinand Sianturi

Junior Developer

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## ABOUT ME

I am a Bachelor of Informatics Engineering graduate focusing on software development (Mobile & Web) with a keen interest in UI/UX design using Figma & Canva. Accustomed to collaborating in teams to design and build application projects from scratch. Possess a foundational understanding of API integration, database management, and Machine Learning model implementation. I am eager to learn, adapt quickly, and contribute positively using strong programming logic.

## EDUCATION

2021 ● **METHODIST - 7 | HIGH SCHOOL**

2023-2026 ● **UNIVERSITAS PRIMA INDONESIA | BACHELOR OF INFORMATICS ENGINEERING**

*Thesis Title: Multi Modal Data for Stroke Diagnosis based on Explainable AI (XAI)*

Completed a final project on an intelligent stroke detection system combining image data (MRI) and brainwaves (EEG), equipped with visual features (XAI) to make detection reasoning transparent and easily understood by medical professionals.

## PROJECT EXPERIENCE

### ROYAL KLINIK - MOBILE APP

Built an integrated mobile application that simplifies the clinic experience for patients. Through this app, patients can book and manage doctor consultation schedules, view complete payment billing details, and monitor medical histories, digital prescriptions, and test results (lab and radiology) instantly. Completed in 6 months and available on the Play Store.

### PRIMA FITNESS CLUB - MOBILE APP FULLSTACK

Created a gym management application serving both customers and operational staff. Customers can purchase membership packages independently and freely choose their activation date. Additionally, the app features location-based employee attendance tracking to monitor daily staff presence.

### ROYAL KLINIK - DASHBOARD DOKTER

Developed a web portal integrated directly with patient booking schedules categorized by polyclinic/specialist. Through this system, doctors can conduct examinations and fill out electronic medical records (EMR) with vital sign forms that automatically adapt to the polyclinic type. Doctors can also log diagnoses, prescriptions, schedule lab/radiology tests, and generate medical summaries accessible to patients.

### ANTRIANKU - MOBILE APP

Collaborated within a team to build a digital queuing system, focusing primarily on mobile app development. Users can take queue numbers online and receive real-time call notifications via WhatsApp. The system integrates with a web dashboard and features automatic call time estimation to prevent crowds at the venue.

### PRIMA HOMECARE - MOBILE APP FULLSTACK

Built an on-demand healthcare service application (homecare) connecting patients, clinic coordinators, and nurses. Patients can request medical services at home, which the coordinator assigns to available nurses. The app features in-app chat and push notifications to ensure smooth communication and real-time booking status tracking.

### LMS - MOBILE APP FULLSTACK

Developed a digital learning application (e-learning) to facilitate online teaching and learning processes. Through this app, students can easily access study materials, submit assignments, and track their grades and learning progress directly from their smartphones. Currently still under active development.

## CERTIFICATE

### ASSOCIATE DATA SCIENTIST VOCATIONAL SCHOOL GRADUATE ACADEMY DIGITAL TALENT SCHOLARSHIP 2025 - BBPSDMP MEDAN

Graduated from an official training and certification program by the Ministry of Communication and Information Technology. Learned foundational techniques in data collection, data cleaning (preprocessing), and an introduction to Machine Learning model development.

### ALL FOR MEDAN SERIES #2 MEDAN CODING COMPETITION - REGIONAL RESEARCH AND INNOVATION AGENCY OF MEDAN CITY

Participated in a city-level programming competition to design and develop technological solution ideas (applications) beneficial to the people of Medan City.

### PARTICIPATING IN GOOGLE I/O EXTENDED MEDAN 2024 - GDSC MEDAN

Attended as a participant in the annual technology conference to update knowledge on the latest trends within the Google ecosystem, particularly relating to app development and artificial intelligence.

### CUSTOMER FEEDBACK MANAGEMENT - BNPS MEDAN

Completed training on receiving, recording, and handling customer feedback and complaints professionally. These communication skills greatly assist me as a software developer in better understanding the actual needs of application users.