Sabiq Muhammad Antebing Mame

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PROFILE

Full-Stack Developer with expertise in **website and backend development**, dedicated to building **efficient, structured, and scalable systems**. I believe that **data integrity** is crucial—ensuring that databases are **well-structured, free from duplication, and strictly managed** to prevent conflicts.

I prioritize **user experience (UX) over aesthetics (UI)** because a well-designed system should first and foremost be **intuitive and seamless** for users. However, aesthetics play a key role in specific cases, such as **company profile landing pages**.

My approach to development focuses on **efficiency, optimization, and validation**, ensuring both **frontend and backend systems** work harmoniously to deliver **high-performance applications**. Additionally, **logging in services** is essential to **identify production issues, prevent confusion when data is lost or conflicts arise, and ensure smooth system monitoring.**

WORKING EXPERIENCE

PT Quantum Teknologi Nusantara   Jan 2022 - Now
Full-Stack Developer   Fulltime, Jakarta, Indonesia

- **Developed a dynamic form builder** with a **drag-and-drop interface**, enabling effortless form creation and data organization through a **dashboard**, deployed on both **web and mobile applications**.
- **Implemented a police patrol tracking system**, assigning specific **routes and coordinates** using **Google Maps API**, allowing real-time tracking and task allocation.
- **Developed an SOS feature** that connects users with the nearest police officer, providing **real-time route tracking** for immediate response.
- **Integrated identity verification with Dukcapil**, improving authentication for both users and the admin monitoring dashboard.
- **Built a BSMR certification system**, handling the entire workflow from **application submission, invoicing, to certificate issuance**.
- **Developed a transaction system** integrating **payment gateways** such as **Midtrans** and **Xendit** for seamless financial operations.
- **Implemented a task management system**, allowing **task creation, assignment, discussions, and project distribution** among employees.
- **Designed and implemented reporting features**, displaying **data in charts and tables**, with export options to **PDF, CSV, XLSX, and JSON**.
- **Implemented real-time chat and comment features**, enhancing communication across helpdesk and internal platforms.
- **Deployed staging and production environments using Docker**, ensuring that backend services, databases (**MySQL, Elasticsearch**), and applications run in isolated containers without version conflicts.

- **Implemented cron jobs** for automated database backups on **Ubuntu servers**.
- **Implemented push notifications** using **Firebase**, keeping users updated in real time.
- **Developed a logging system** for all services, storing structured logs in **Elasticsearch** for monitoring and analysis.
- **Mentored and led interns**, ensuring they understood their tasks, met expectations, and had ongoing discussions to address challenges and improve efficien

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PROJECTS

1. **BSMR (**Badan Sertifikasi Manajemen Risiko**)**
   A certification management system that enables training providers to easily issue risk management certifications. The system covers the entire process, including:
   - Application submission
   - Participant management
   - Payment processing
   - Certificate issuance
2. **POLRI SuperApp**
   A comprehensive mobile application for the public to access Indonesian National Police services, including: SKCK, SIM, STNK, DUMAS, eSurvey, E-Tilang, SP2HP
   Available on: App Store & Play Store
3. **Police Monitoring System (Medan Region)**
   A web-based monitoring system for police patrol tracking, enabling officers to:
   - Monitor ongoing patrols
   - Track assigned special operations
   - Analyze real-time movement and reports
4. **Kenangan App E-Commerce**
   A unique e-commerce platform designed for seamless gift-giving, allowing users to:
   - Send gifts without requiring the recipient's address
   - Shop for various products
   - Create celebration videos for special occasions such as weddings and birthdays

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EDUCATION

Bachelor of Computer Science   Sept 2020 – Sept 2024
Sekolah Tinggi Teknologi Terpadu Nurul Fikri   Jakarta, Indonesia

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ORGANIZATION EXPERIENCE

Google Developer Student Club (GDSC) STT Terpadu Nurul Fikri   Dec 2022 – Aug 2023
- Organized and managed frontend team members, assigning tasks and responsibilities.
- Led a 3-month bootcamp as an instructor, teaching frontend development concepts.
- Speaker for the **Frontend Intermediate Workshop**, delivering insights and best practices

ADDITIONAL EXPERIENCE

Programming language
Experienced in using TypeScript, Flutter, Python, Flask, NextJS, ReactJS, VueJS, ExpressJS, NestJS

Database
Experienced in using MySQL, Elasticsearch

Others
Experienced in using Docker, AWS, GitHub, Figma