Sabiq Muhammad Antebing Mame

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PROFILE

Full-Stack Developer with expertise in website and backend development, specializing in building efficient, scalable, and well-structured systems. Skilled in database management, ensuring data integrity, eliminating duplication, and maintaining strict validation. Proficient in optimizing system performance, implementing seamless user experiences, and integrating logging mechanisms for effective monitoring and issue resolution. Dedicated to developing secure, high-performance applications that align with business and user needs.

PROJECTS

PT. Quantum Teknologi Nusantara   **Jan 2022 - Now**

1. **BSMR** (Badan Sertifikasi Manajemen Risiko)
   Web-based certification system for training providers, streamlining application, payment, and certification issuance processes.
   - Developed a centralized logging system for all services, storing structured logs in Elasticsearch for monitoring and issue tracking.
   - Deployed staging and production environments using Docker, ensuring isolated containers for backend services, MySQL, and Elasticsearch without version conflicts.
   - Integrated payment features for certification applications, including invoice generation and payment proof uploads.
   - Developed automated certification generation, producing official PDF certificates upon approval.
   - Designed and implemented reporting features, displaying data in charts and tables with export options to PDF & XLSX.
   - Implemented notifications to keep users updated on application status, payments, and certificate issuance.
   - Implemented cron jobs for automated database backups on Ubuntu servers.

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
   - 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 SKCK service integration with BPJS, ensuring seamless data verification and reducing manual input errors.
   - Integrated identity verification with Dukcapil, improving authentication for both users and the admin monitoring dashboard.

- Developed a logging system for services, storing structured logs in Elasticsearch for monitoring and analysis.
- Implemented real-time chat untuk helpdesk.
- Implemented push notifications using Firebase, keeping users updated in real time.

Available on: [App Store](#) & [Play Store](#)

3. **Patroli Perintis**

A web-based monitoring system for police patrol tracking, enabling officers to monitoring outgoing patrols, track assigned special operations, analyze real-time movement and reports
- 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.

4. **Kenangan App**

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
- Developed a dynamic homepage and shop page editor, allowing admins to customize the app's using a drag-and-drop interface.
- Built a web dashboard for monitoring transactions, product availability, and blocked content.
- Implemented a wishlist feature, enabling users to save desired products for future purchases.
- Developed a user-to-user blocking feature to enhance user privacy and security.

Available on: [App Store](#) & [Play Store](#)

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

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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