Raka Ramadhani Aulia Prasetyo

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Fullstack Engineer

Graduated on Electrical Engineering major and a Fullstack Engineer by profession. I have a passion for technology, web development, and machine learning. I am excited to be a part of the constantly evolving tech industry and strive to learn and grow in my field.

Education

University of Balikpapan   Jul 2025
Bachelor's Degree, Major in Electrical Engineering | Balikpapan, Kalimantan-Timur
- GPA: 3.5/4.00
- Relevant Coursework: Programming and Algorithm
- Database Design and Programming DTS

State Polytechnic of Balikpapan   Sep 2020
Associate's Degree, Major in Electrical Engineering | Balikpapan, Kalimantan-Timur
- GPA: 3.56/4.00
- Activities: Division Secretary of Student Resource Development in Student Executive Council, Co-Founder of Poltekba Technology and Developer Club
- Relevant Coursework: Application Programming, Microcontroller

Work Experience

YouApp   Jun 2024 - Present
Senior Fullstack Developer
- Developed and maintained mobile applications (Flutter), web applications (Next.js), and backend systems (NestJS, Golang) across various projects, utilizing MongoDB and PostgreSQL for data persistence.
- Mentored and guided junior developers by establishing and enforcing coding standards and project structures for these diverse technology stacks.
- Collaborated closely with team leads and effectively communicated tasks and technical instructions related to Flutter, Next.js, NestJS, Golang, MongoDB, and PostgreSQL to junior team members.

Qwork   Oct 2023 - Jun 2024
Mobile Application Developer
- Implemented efficient state management and data fetching using TanStack Query within React Native applications.
- Utilized React Native to write high-quality, cross-platform code, significantly reducing development time while ensuring consistent functionality and design across iOS and Android devices.
- Collaborated closely with UX/UI designers to accurately translate wireframes into functional screens and seamlessly integrated REST/GraphQL APIs by partnering with backend developers.

JasaPedia   **Jul 2022 - Aug 2022**
Mobile Developer
  - Designed and developed 4 high-performance, offline-first mobile applications using Flutter
    for the front-end and SQLite for secure, local data management. I oversaw both components
    to ensure cohesive functionality and a seamless user experience regardless of connectivity.
  - Assisted clients in identifying key business challenges and provided tailored offline solutions,
    significantly enhancing their operational efficiency and satisfaction, particularly in areas with
    limited connectivity.
  - Coordinated and presented weekly progress reports to the CEO, ensuring transparent
    alignment on project goals, timelines, and deliverables.

Pikpo   **Oct 2021 - Jun 2024**
Full Stack Engineer
  - Developed and integrated over 5 core features, utilizing Flutter for robust cross-platform
    front-end development and Golang (Gin Gonic) for high-performance backend services and
    APIs. Data was efficiently managed using PostgreSQL.
  - Ensured exceptional application quality and stability by implementing robust unit and
    integration testing strategies across the Flutter/Golang stack, resulting in a 30% reduction in
    production bugs.
  - Designed and integrated 3 AI-driven features using FastAPI microservices, significantly
    enhancing application capabilities and user engagement through intelligent, integrated
    functionalities.

Unicorn Four Season Durian   **Oct 2020 - Dec 2020**
Flutter Developer
  - Wrote structured, readable, and maintainable Flutter code, strictly following best practices
    (e.g., widget structure, state management) to enhance team collaboration and facilitate
    future updates.
  - Consumed RESTful APIs to design and implement dynamic front-end features in Flutter,
    ensuring efficient data handling and a seamless, high-performance user experience.
  - Assisted in developing and implementing system architecture designs, contributing to
    scalable solutions for both the mobile front-end and the broader system that align with
    business objectives.

Skills

Programming Languages: Dart (5 yrs), TypeScript (3 yrs), Python (5 yrs), Go (3 yrs)
Mobile: Flutter (5 yrs), React Native (1 yr)
Web: ReactJS (3 yrs), NextJS (2 yrs)
Backend: NestJS (2 yrs), FastAPI (5 yrs), Django (1 yr), Gin (3 yrs)
Database: PostgreSQL (5 yrs), MongoDB (2 yrs), MySQL (1 yr)
Development Tools: Git (5 yrs), Docker (3 yrs)
Methodologies: Agile (3 yrs), Scrum (1 yr), Waterfall (2 yrs)

Organizational Experience

Community Service Program Kelurahan Tanjung Harapan   **Dec 2022 - Feb 2023**
Group Leader

Poltekba Technology and Developer Club   **Jan 2020 - Jan 2021**
Co-Founder

Student Executive Board - Student Union Poltekba   **Apr 2019 - Apr 2020**
Secretary of Student Resources Division

Project

Chatmunication - Messaging & Calling App   **Jul 2025**
Created a Flutter-based communication app featuring audio/video calls and messaging, powered by a Go (WebRTC) backend and PostgreSQL database. Designed to explore peer-to-peer media streaming and implement a fluid, floating-style interface for multitasking-friendly interaction.

Kilan Accurate - Attendance Monitoring System   **Jul 2025**
Developed a Flutter-based mobile app for users to check in/out and view attendance history, integrated with a ReactJS web admin panel powered by NestJS and MongoDB for real-time monitoring, user management, and reporting. Designed to streamline attendance tracking with a modern UI and a robust backend architecture.

Klontong   **Aug 2024**
A simple marketplace flutter app to challenge and utilize crudcrud.com as a quick backend API service for quick mockup.

Emovied   **Apr 2023**
Mobile application that displays current movie screenings, ongoing television show broadcasts, and provides users with comprehensive information about the movie, including its plot summary and cast details built in Flutter.

Face Detection TFLite Flutter   **Jan 2022**
implement tensorflow using tflite to flutter the goal is to learn how to apply Machine Learning on android apps.

Certificate

- Database Programming with SQL Oracle Academy
- Database Design Oracle Academy
- Dibimbing.id Data Science Bootcamp 2021
- TOEIC : 850