

M. Ilham Ramdani, S.Kom.

Fullstack Developer

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PROFILE

Fullstack Developer with 1+ year of experience building scalable web systems for the healthcare, pharmaceutical, and government sectors. Specialist in TypeScript, Next.js, Laravel, Flutter, and Node.js, delivered 10+ production systems ranging from hospital management platforms and e-commerce applications to deep learning-powered mobile apps. Experienced in managing the full SDLC from requirements analysis to VPS deployment, collaborating directly with cross-functional stakeholders. Specializations: Web-based System Development, Business Process Automation, Mobile Development, Data Analysis.

EDUCATION

Widyatama University — Bandung, Indonesia Sep 2021 – Aug 2025
Bachelor of Informatics Engineering | GPA: 3.52 / 4.00

Relevant coursework: Statistics, Database Systems, Algorithms & Programming, Software Engineering, Digital Business Models, Enterprise Information Systems, Artificial Intelligence.

Bangkit Academy — Google, GoTo, Traveloka Feb 2024 – Jun 2024
Mobile Development (Android)

- Selected as 1 of 4,650 participants from over 57,000 applicants (8% acceptance rate).
- Completed an intensive curriculum covering Kotlin, Jetpack Compose, and advanced Android concepts.
- Capstone Project: built a face recognition attendance app using Android + ML Kit, automating attendance tracking with real-time facial verification.

WORK EXPERIENCE

PT. Duta Graha Afiah (RS Ummi) — Bogor, Indonesia Oct 2025 – Apr 2026
Fullstack Developer — Internship

- Built an end-to-end Document Management System (DMS) with auto-generate document features using templates, covering 4+ types of hospital administrative documents to improve consistency and efficiency.
- Developed a digital patient meal request system with real-time WhatsApp notifications to operational groups, accelerating inter-unit distribution and reducing miscommunication.
- Built a Risk Management & Occupational Health module based on a 5x5 risk matrix with an IKP (Patient Safety Incident) reporting system, supporting centralized risk identification and monitoring across all divisions.
- Developed an integrated meeting management system with automated invitation letters and WhatsApp API distribution, centralizing agendas, minutes, and follow-ups across 3+ operational divisions.
- Built a real-time room availability monitoring system to support capacity management and patient flow across hospital units.
- Collaborated directly with cross-divisional stakeholders on requirements analysis, solution design, and application deployment to a Linux VPS production environment.

PT. Bio Farma — Bandung, Indonesia Oct 2024 – Dec 2024
Back-end Engineer — Internship

- Built an API service using Node.js/Express integrating internal inter-application communication, improving data flow efficiency across systems at PT. Bio Farma.
- Contributed to technology product development with a research-based approach, including requirements analysis and AI implementation strategy.
- Participated in research result presentations and product testing sessions with the team and stakeholders.

Widyatama University — Bandung, Indonesia

Sep 2021 – Aug 2025

Project Assistant & Lecturer Collaborator

- Developed a school profile website and e-learning system for SDN 162 Warung Jambu Bandung as part of a community service program.
- Contributed to developing a reseller application for Momono Cake (Garut) in collaboration with a supervising lecturer.
- Built an Android-based skin cancer detection app using deep learning (CNN) + TensorFlow Lite, enabling offline classification of skin lesion images on mobile devices.
- Developed a personal finance tracking system with transaction recording, categorization, and monthly financial report visualization using Next.js and PostgreSQL.
- Built a self-service ordering system with real-time menu management, multi-step ordering flow, and payment gateway integration.
- Developed NewsApp using BLoC state management, featuring public news API integration, offline reading, JWT auth, and FCM push notifications.
- Developed a full end-to-end clothing brand e-commerce platform with product catalog, cart, order management, and Midtrans/Xendit payment integration using Next.js.
- Conducted data analysis on Bandung's public transportation system using Python (Pandas, Matplotlib/Seaborn), producing insights on passenger movement patterns and route optimization recommendations.

Siratsemesta — Bandung, Indonesia

Jan 2022 – Aug 2022

Co-Founder & Chief Operating Officer

- Developed a technology-driven business strategy and market research for a mental health startup.
- Reached the top 200 finalists out of 18,000+ participants in the Indonesia Digital Tribe 2022 competition.
- Successfully pitched to prospective investors and secured investment commitments for the startup.

ORGANIZATIONS

Google Developer Student Club (GDSC) — Widyatama University

Sep 2023 – Jul 2024

Activity Secretary

- Planned and executed 50+ technology events including TechTalks, workshops, and hackathons in collaboration with 10+ industry and community partners.
- Grew TechTalk attendance by 20% compared to the previous period through strategic partner acquisition and community outreach.
- Contributed to positioning GDSC Widyatama as the 2nd most active chapter and 3rd highest-impact chapter in Indonesia out of 86 chapters nationwide.
- Managed administrative operations including correspondence with speakers and sponsors, and documentation of all chapter programs.

Informatics Engineering Student Association — Widyatama University Nov 2021 – Aug 2022

Public Relations

- Initiated cross-community collaborations that increased Informatics Engineering student engagement by over 30%.
- Led the preparation of proposals and presentation plans for the Techno 2022 event.
- Facilitated post-event evaluation sessions to identify issues and drive improvements for future programs.

Saka SBH National — Jakarta, Indonesia

May 2021 – Jan 2022

Event Organizer

- Initiated and led the Sharing United More Information event and SBH Leadership Training at BBPK Ciloto, collaborating with the Indonesian Ministry of Health, local villages, and communities.
- Managed event logistics — venue reservations, accommodation, and transportation — achieving a 30% cost reduction from initial estimates.
- Collaborated with the Ministry of Health in delivering health technology education programs to the community.

CERTIFICATIONS

Junior Web Programming

BNSP (National Professional Certification Agency) | 2025

Mobile Development (Android)

Bangkit Academy — Google, GoTo, Traveloka | 2024

AWARDS

Top 200 Start-Ups — Indonesia Digital Tribe

Feb 2022

Selected as top 200 out of 18,000+ participants in a national startup competition focused on mental health solutions.

TECHNICAL SKILLS

Programming Languages: TypeScript, JavaScript, PHP, Flutter, Kotlin, Python

Frontend: Next.js, React.js, Tailwind CSS, HTML5, CSS3

Backend: Node.js (Express), Laravel (PHP)

Database: MySQL, PostgreSQL

Mobile: Android (Kotlin, Jetpack Compose), ML Kit, TensorFlow Lite

Data & AI: Python (Pandas, Matplotlib, Seaborn), Deep Learning (CNN), TensorFlow

Tools & Others: RESTful API, Git (GitHub/GitLab), VPS Linux, WhatsApp API