Warda Laila

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SUMMARY

Senior Software Engineer with 12+ years of experience building scalable mobile, web, and backend applications across finance, healthcare, and telecom. Skilled in **Mobile Application (Kotlin/Swift/React Native, Flutter), Web (React, Vue, Flutter), and Back End (Node.js, Nest.js, Python)**, with proven success delivering secure, user-centric products. Recently experienced in **system architecture, cross-platform development, and scalable backend services** on **AI-powered projects**, optimizing performance, and collaborating with cross-functional teams to deliver secure, user-centric products.

EXPERIENCE

R/GA Media Group Limited Austria, Remote from Yogyakarta, IDN
Software Engineer, Mobile Platform March 2026 - present

- Developed cross-platform mobile applications using React Native and Expo, improving feature delivery by 30% across Android and iOS.
- Built reusable and testable design system components using Storybook and Chromatic, improving UI consistency and accessibility validation (a11y).
- Managed CI/CD pipelines using Azure DevOps and Expo EAS, reducing deployment time by 50%.

Confidential Company Remote From Yogyakarta
Full-stack Engineer Jan 2025 - present

- **Developed backend services** with NestJS, impact to **20% reduction** in server error rates.
- Deployed cross-platform **Flutter for web and mobile applications using BLoC** and Provider patterns, leading to a **30% faster** feature delivery cycle. .
- Established automated **CI/CD pipelines using GitHub Actions and Fastlane**, **reducing deployment cycles by 30%** and ensuring smooth App Store/Google Play releases**.**

VitalHero (GesundheitsHeld.in) Austria, Remote from Yogyakarta, IDN
Full-stack engineer Nov 2025 - April 2026

- Work with CTO to architect and build new system architecture with **dbt transformation** layer, Increasing data **idempotency** and processing reliability by **35%.**
- Integrated **OpenAI** to analyze user data and generate "Personal Archetypes" for tailored health journeys, implemented on a multi platform **React Native and Expo** reducing content curation time by **50%**.
- Developed a robust, asynchronous API architecture using **Python** and FastAPI to handle complex health data calculations
- Built a comprehensive administrative dashboard using **React JS** and Tailwind CSS, Provided 100% visibility into user engagement metrics.

Arsa Technology On-Site Yogyakarta
Senior Full-Stack Engineer Jul 2024 - May 2025

- **Led AI-powered full-stack projects**, including smart parking and real-time monitoring, utilizing Node.js and NestJS to improve API response times by 35%.
- **Delivered a license plate recognition system** integrated into smart parking and heavy vehicle monitoring, which **reduced manual checks by 60%** and improved daily throughput of vehicles.
- **Created real-time monitoring dashboards** in Vue 3 and React.js, enabling faster decision-making with **live data visualization**.

- **Applying event-driven programming principles in JavaScript** to ensure secure and scalable integrations.
- **Wrote automated unit and integration tests** to maintain high reliability in distributed systems.

R/GA Media Group, Inc Singapore, Remote From Yogyakarta, IDN
Senior Software Engineer Dec 2021- May 2024

- **Led development of cross-platform applications** in React Native, which improved feature delivery speed by **30%** compared to native-only builds.
- **Collaborated with product and design teams to create client pitch decks**, showcasing prototypes and technical feasibility.
- **Reviewed code contributions, enforced testing best practices, and mentored junior developers**, ensuring smooth delivery on global projects.
- **Built mobile and web applications** with Kotlin, applied best practice of clean architecture using Dagger2, Room, Kotlin coroutines, flows and live data ensuring high performance and usability.
- **Implemented model quantization techniques**, reducing AI computational costs by **up to 40%**, directly improving cloud deployment efficiency and lowering expenses.

HALODOC ID (PT. Polinasi Iddea Investama) On-Site Jakarta
Full-Stack Engineer - Android Developer May 2018 - Nov 2021

Android Development:

- **Developed native Android apps** (Kotlin and standard tools like coroutines/flows, android jetpack and components, MVVM using Dagger2 injection) for healthcare services including home lab bookings, pharmacy delivery, and midwife support, serving **thousands of users across Indonesia**.
- **Engineered robust offline functionality**, enabling app usability in low-connectivity areas and improving successful transaction rates by **60%**.
- **Optimized app performance** through code refactoring and state management, reducing load times and enhancing responsiveness by **50%**.

Full-Stack Engineer:

- **Built and maintained backend services** with Java Spring Boot and TypeScript, ensuring secure and scalable integrations with healthcare systems.
- **Designed supporting tools** for scheduling, doctor and lab appointments, simplifying operations for healthcare providers and boosting efficiency.
- **Implemented secure APIs** to connect mobile apps, and web with backend services, ensuring reliable data flow for bookings, and payments.

PT. Emerio Indonesia On-Site Jakarta
Software Engineer Nov 2016 - Dec 2017

- **Developed secure, high-traffic APIs** for Jenius (BTPN's digital banking platform) using Java, Spring Boot, supporting **hundreds of thousands of daily transactions**.
- **Built and maintained hybrid mobile apps** with React Native, ensuring cross-platform consistency and accelerating feature delivery by **25%** compared to native-only builds.
- **Contributed to Android app development** (Native and Hybrid), improving user experience and strengthening mobile banking adoption.
- **Implemented Agile practices and CI/CD pipelines** with Jenkins and JFrog, reducing development and deployment cycles by **30%**.

PT. LinkIT 360 On-Site Jakarta

Android Developer Mar 2015 - Nov 2016

- **Revamp telecom apps (MyXL, Axisnet)** for updated user experiences, improving performance by **20%** and reducing app crash rates by **15%**.
- **Revamped app functionality and UI/UX** using Firebase and MVC architecture, leading to a **40% increase in user engagement** and higher Play Store ratings.
- **Implemented performance enhancements** that reduced load times and improved responsiveness by **20%** in low-bandwidth regions.

PT. Integra Mobilia Solusindo On-site Jakarta

Android Developer Dec 2013 - Jan 2015

- **Developed the FAME app with GIS integration and offline-first design**, enabling reliable location-based services in remote areas and increasing field team efficiency by **35%**.
- **Enhanced offline functionality** across apps, ensuring seamless performance in low-to-no connectivity environments, critical for users in emerging markets.
- **Improved user experience with innovative app enhancements**, contributing to higher retention rates and boosting monthly active users by an estimated **20%**.
- **Delivered clean, maintainable code** using Android SDK and MVC architecture, creating a solid foundation for scalability and long-term maintainability.

EDUCATION

System Of Information, Universitas Budi Luhur

Bachelor Degree, 3.58 / 4.00 2009 - 2013

SKILL

- **Mobile Development:** Kotlin, Swift, React Native, Flutter, App Store & Google Play publishing
- **Mobile tools** : Dagger2, Jetpack Navigation, JetpackCompose, Zustand State Management, BLoC
- **Frontend Development:** React.js, Redux, Vue3, Vite3, JavaScript/TypeScript, HTML5, CSS, Tailwind CSS
- **Backend Development:** Node.js, Express.js, Nest.JS, Python (FastAPI), Java Spring Boot, RESTful APIs, Event Driven (Redis, Kafka), Caching
- **Database Management:** PostgreSQL, MySQL, MariaDB, mongoDB, SQLite, Query Optimization, ORM like prisma, typeORM,SQLAlchemy
- **Cloud & CI/CD :** Expo, Fastlane, Docker, Azure DevOps Pipelines, Github Actions, Git, NGINX (reverse proxy / API Gateway), Supabase**,** Firebase
- **Quality & Testing:** Jest, Espresso, pytest, code reviews
- **AI & Emerging Tech:** LLMs, VLMs, Pytorch, Stable Diffusion, ONNX Quantized, Keras, TensorFlow
- **Project & Team Skills:** Agile (Scrum/Kanban), Jira, Trello, Asana, Cross-functional Collaboration
- **Problem Solving & Critical Thinking:** Root cause analysis, debugging, solution design, scalability
- **Collaboration & Communication:** Cross-functional teamwork, stakeholder alignment, remote collaboration
- **Leadership & Mentorship:** Guiding junior devs, pair programming, code reviews, share knowledge
- **User-Centric Mindset:** UX awareness, customer-focused design