

MOCHAMMAD QAYSA AL-HAQ

Fullstack & Mobile Developer

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PROFESSIONAL EXPERIENCE

PROFESSIONAL SUMMARY

A passionate Fullstack and Mobile Developer with over four years of experience delivering secure, scalable, and user-friendly applications across fintech, manufacturing, and enterprise sectors. Skilled in Laravel, Spring Boot, Next Js, Flutter, and Android (Native/Flutter), with proven expertise in both backend and frontend development, mobile app engineering, and system integration. Experienced in designing and implementing applications using both microservices and monolithic architectures. Proficient in utilizing Firebase for push notification services and Sentry for monitoring and controlling application errors. Adept at optimizing system performance and collaborating effectively with cross-functional teams to deliver impactful technological solutions.

Fullstack Developer | PT Tiara Indoprima | Bandung, Indonesia

Sept 2024 – Present (1 year)

Led the development of an internal IT Inventory web application to manage and report import-export activities to the Directorate General of Customs, enhancing operational efficiency and compliance.

Selected Project Experience

- TIP - IT Inventory (Professional Project)
 - Designed and implemented a complex backend architecture using Laravel (monolith) with Blade templating for server-side rendering.
 - Deployed and configured the application on an internal Ubuntu-based server with Apache.
 - Automated recording and reporting processes, reducing manual errors and improving audit readiness.
 - Conducted periodic system maintenance to ensure compliance with evolving customs regulations.
 - Successfully processed 100+ import transactions, 150+ export transactions, 100+ local shipments, and 30+ waste management operations.
 - Managed inventory data for 200+ types of raw materials and 150+ types of finished goods.

Mobile Developer | PT Digital Amore Kriyanesia | Bandung, Indonesia

Sept 2021 – Sept 2024 (3 years)

Contributed and led the development of multiple high-impact mobile applications for Yogyakarta Regional Development Bank and several Rural Banks (Bank Perkreditan Rakyat) in Indonesia, focusing on financial services and merchant solutions.

Selected Project Experience

- Raharjo (Professional Project)
 - Led the mobile development team, implementing Kotlin with a high-scalability MVVM architecture.
 - Served 500+ active merchants, recording hundreds to thousands of transactions daily.
 - Designed a Material Design-based UI for an intuitive merchant experience.
 - Integrated secure API communication using Retrofit
 - Implemented Firebase for push notifications and Bluetooth printer (ESC/POS) support for receipts.
 - Enabled key merchant features including transaction receipt checks, creation of sub-cashier accounts, QR code scanning for cashless transactions, and transaction returns.
- Mollect (Professional Project)
 - Successfully deployed for 2 Rural Banks (BPR): BPR Pijer Podi and BPR Madani Sejahtera Abadi.
 - Used daily by 100+ Account Officers, serving 2000+ customers
 - Has processed and reported tens of thousands of payment reports from customers to date.
 - Engineered seamless Bluetooth integration for ESC/POS printers within a mobile POS system; enabled instant receipt printing, reducing transaction times by 15% and improving customer satisfaction scores by 20%.
 - Implemented Firebase for push notifications to improve operational efficiency.
 - Applied MVVM architecture for maintainability and scalability.

Fullstack Developer | PT Digital Amore Kriyanesia | Bandung, Indonesia**Sept 2021 – Sept 2024 (3 years)**

Contributed significantly to the development of enterprise-scale applications using Laravel (monolithic architecture), focusing on robust backend systems, interactive frontend interfaces, and seamless system integration.

Selected Project Experience

- Virtual Account (Professional Project)
 - Developed backend system consisting of two specialized microservices: Virtual Account Service and Product Service, fully integrated with BPD DIY's core banking system, using Java Spring Boot with Maven.
 - Managed Virtual Account Service covering VA creation (main VA and sub-VA), transactions such as disbursement, cash pooling, transactional fee handling, withdrawal, and deposit.
 - Managed Product Service enabling configuration of transactional fees, transaction limits, and other VA-related parameters per bank product.
 - Supported 100K+ active virtual accounts with the system processing millions of transactions and millions of balance mutations to date.
- Human Resource Information System (HRIS) (Professional Project)
 - Successfully deployed to 11 BPRs, managing HR operations for 600+ employees across different institutions.
 - Handles core HR processes including leave management, attendance tracking, permissions, reimbursements, and business travel requests.
 - Calculated and processed payroll for 50+ monthly payroll periods, each with institution-specific rules.
 - Implemented Mailjet for secure in-app mailing services.
 - Developed secure, user-friendly RESTful APIs for mobile access to HR functionalities.
 - Encrypted application source code using Bolt to ensure deployment security.

EDUCATION

University of Informatics and Bisnis Indonesia (UNIBI)

Bachelor of Informatics Engineering

Bandung, Indonesia

2022 - Expected Oct 2026

Assalaam Vocational High School Bandung

Software Engineering Major

Bandung, Indonesia

2018 – 2021

ADDITIONAL INFORMATION

- **Backend Development:** Laravel, PHP, Spring Boot, Node.js, Microservices Architecture, RESTful API
- **Frontend Development:** JavaScript, TypeScript, HTML5, CSS3, React.js, Next.js
- **Android Development:** Flutter, Java, Kotlin
- **Database Management:** MySQL, PostgreSQL, MongoDB
- **Payment Gateway Integration:** Flip, Xendit, Midtrans
- **Tools:** Git, Docker, Apache, Nginx, Sentry, Firebase, Project Management, Unit Testing
- **Portfolio:** [Professional Portfolio](#)