

Anka Abdullah

Backend Developer

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A developer with over 5 years of hands-on experience building enterprise applications that handle real scale and real stakes — including million-dollar projects for organizations like Bank Syariah Indonesia, Bank Rakyat Indonesia, and the Ministry of Finance. Work spans system design, performance optimization, and data pipeline development using Node.js and Go. Known for working closely with cross-functional teams to untangle complex technical problems and ship solutions that are clean, well-documented, and built to last.

WORK EXPERIENCE

Backend Developer

Mar 2026 – Present

PT. Bank Rakyat Indonesia | Jakarta, Indonesia

Brimo New Skin (Qita):

- Developed the promotional feature for BRI's Qita application by integrating Redis, MySQL, and Object Storage, improving data access performance and enhancing the user experience.
- Improved code quality across multiple services by enforcing SonarQube standards, addressing code smells, security vulnerabilities, and maintainability issues.
- Designed and implemented comprehensive unit tests using Golang, increasing code coverage and reducing the risk of regressions during feature development and deployment.
- Conducted load testing using K6 to validate API performance, scalability, and reliability under various traffic and workload scenarios.
- Implemented Apache Kafka-based integrations to enable efficient inter-service communication and support an event-driven architecture for scalable and resilient distributed systems.

Backend Developer

Dec 2025 – Feb 2026

PT. Pinus Merah Abadi (Nabati Group) | Bandung, West Java, Indonesia

eDOT Distribution System:

- Supported QA teams in API load and stress testing using k6, including scenario design, test data preparation, and performance monitoring for critical billing and invoice services.
- Implemented and improved Sales Order approval and block workflows, resolving data consistency issues and enhancing approval, rejection, and re-submission logic.
- Built and containerized backend services using Echo (Go) with Docker, and implemented OTP-based authentication, mailer service, and password reset flows.
- Improved system reliability and scalability through query optimization, error monitoring, and integration of Valkey (Redis-compatible) caching.

Backend Developer

Nov 2024 – Dec 2025

Serasi Autoraya (SERA) | Jakarta, Indonesia

Edelweis — Trac To Go:

- Migrated legacy PHP service to a modern TypeScript codebase following Clean Architecture principles, resulting in more maintainable and testable code.
- Designed and configured Docker-based deployment pipelines, optimizing CI/CD workflows for development and production environments.
- Integrated Redis-based session authentication to improve security and scalability.

E-Procurement System:

- Developed a digital auction platform for vendor selection and tender management.
- Implemented RESTful APIs to handle vendor registration, bid submission, and automated evaluation workflows.
- Integrated Azure services to ensure cloud scalability, load balancing, and fault tolerance for procurement modules.
- Improved process traceability and procurement transparency through audit logging and real-time dashboards.

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Oct 2024 – Nov 2024

Ihsan Solusi Informatika

- Developed GraphQL APIs and backend services in Go for high-performance applications serving PT Pos Indonesia.
- Built automated testing pipelines (unit, integration, E2E) using Python with CI/CD support, improving test coverage and deployment safety.
- Participated in DevOps and backend review meetings to ensure coding standards and maintainable software lifecycle practices.

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Jul 2023 – Sep 2024

SALT | Jakarta, Indonesia

Z-Learn Platform:

- Built a dynamic landing page and headless CMS to allow marketing teams to publish and update content without engineering support.
- Developed user activity monitoring tools for both borrowers and merchants, improving analytics and management decision-making.

BATUMBU (Fintech Lending Platform):

- Designed robust APIs and built an administrative dashboard for managing user accounts, borrower validation, and merchant profiles.
- Implemented automated reporting features for financial performance and risk metrics, allowing for exportable and customizable reports.

Bank Syariah Indonesia (BSI) Projects:

- **Issue & Action Management (IAM):** Centralized tools to report and monitor operational issues, with notification and follow-up tracking mechanisms.
- **Monitoring Nisbah Spesial:** Built an eligibility and recommendation system for profit-sharing ratio adjustments, improving compliance and customer satisfaction.
- **Market Risk Stress Testing:** Implemented financial stress test simulations for Sukuk and Forex holdings, used by internal risk management.
- **Liquidity Stress Testing:** Developed simulations for liquidity health under crisis scenarios, improving strategic planning capability.

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Apr 2023 – Jun 2023

Logique

- Re-architected client systems using NestJS and Clean Architecture to increase code scalability and maintainability.
- Used GraphQL and PostgreSQL to build flexible and efficient data access layers for high-demand enterprise apps.
- Contributed to client projects, including Zurich Insurance and Carsome, delivering backend enhancements that improved response times and system stability.

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Mar 2021 – Feb 2023

PT. Nasha Global Utama | Jakarta, Indonesia

OKEDOK (Health-Tech Startup):

- Integrated payment gateway (MIDTRANS) and implemented secure transaction handling with real-time notifications via Firebase.
- Developed a custom 2FA system for admin panel access, improving platform security.
- Created internal tools for monitoring doctor availability, appointment bookings, and patient records.

INSW – Indonesia National Single Window (Ministry of Finance):

- Maintained and debugged core backend services to ensure high availability for procurement and trade-related government services.
- Contributed to the PPBJ module to streamline procurement submissions across ministries using structured workflow logic.