

# MUHAMMAD AMIN

## Senior Software Engineer & System Architect

Jakarta, Indonesia | amin.workspace2026@gmail.com | linkedin.com/in/aminju | github.com/aminju14

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### PROFESSIONAL SUMMARY

Building scalable systems from idea to production. Specializing in microservices, AI integrations, and intelligent automation that drives real business impact.

### EXPERIENCE

#### Software Engineer Section Head | PT Triputra Agro Persada (2020 - Present)

- Serving as Software Engineer Section Head, I lead the IT team in designing, developing, and managing various end-to-end application solutions that support business operations.
- Actively analyze requirements, resolve complex issues in running systems, and ensure every application is optimal and scalable.
- Involved in the mobile app deployment process to the Play Store and App Store, while ensuring system quality and stability through monitoring and continuous improvement.

#### Mobile Developer | PT Indocyber Global Technology (2017 - 2020)

- Responsible for building and developing Android and iOS applications with a focus on optimal performance, usability, and user experience.
- Collaborated directly with users and stakeholders to gather business requirements, translating them into intuitive UI/UX designs and implementing them into stable, efficient applications.
- Active in maintenance, system analysis, app deployment, and technical documentation to ensure long-term sustainability and ease of future development.

#### Android Developer | PT Swadharma Duta Data (2016 - 2017)

- Focused on developing Android-based mobile applications with a strong emphasis on code quality and user experience.
- Involved in the UI/UX design process, feature development, and app maintenance to ensure peak performance.
- Interacted with users to understand their needs, analyzed existing systems, and provided effective technical solutions to enhance application quality.

### EDUCATION

#### Informatics Engineering

National University | 2012 - 2016

### CERTIFICATES

- Certified Android Web App
- Certified Arduino Berbasis Android Mikro
- Certificated of Attendance by AVNET Technology Solution
- Certificated Workshop Augment Reality
- Certified English Access Microscholarship Program by CCE Indonesia

- Certified CCNA Routing and Switching: Introduction to Networks by Cisco Networking Academy

## TECHNICAL EXPERTISE

**Core Concepts:** Microservices, Clean Architecture, Event-Driven, AI Integration, Scalable Systems

**Databases:** PostgreSQL, MySQL, Redis, MongoDB

**Tools & Architecture:** Docker, RabbitMQ, System Architecture, REST API, Microservices, Linux, Git