

Mohammad Ghifari Yusuf

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PROFILE SUMMARY

Software Engineer specializing in backend systems and cloud applications since 2018. Skilled across multiple programming languages and certified as an AWS Cloud Practitioner. Passionate about learning, problem-solving, and building impactful solutions through collaboration.

WORK EXPERIENCE

JUL 2025 - PRESENT

ParagonCorp - *Software Engineer*

Secured and modernized backend systems by remediating critical vulnerabilities, integrating SAP for automated invoice parking and posting, and migrating a legacy PHP budgeting system to a scalable Express.js architecture. Enabled cross-entity and multi-year planning, improved system reliability and data consistency, and mentored an intern to deliver production-ready features.

OCT 2022 - MAY 2025

AccelByte - *Software Engineer*

Built and operated the AccelByte Development Toolkit to distribute 12.5 PB of game builds and process 118K crash reports in 2024, supporting 8+ successful game launches. Designed and maintained large-scale dedicated server infrastructure on AWS and bare metal using HashiCorp Nomad to ensure reliable multiplayer services. Implemented ISO 27001 audit recommendations to achieve compliance and reduce security risk, and mentored fresh graduates to accelerate technical growth and cut feature delivery time from weeks to days.

AUG 2021 - OCT 2022

HappyFresh - *Backend Engineer*

Developed and maintained scalable Order and Payment microservices serving 1.5M+ active users across Southeast Asia, improving system reliability and user experience. Engineered a multi-gateway payment orchestration platform supporting dynamic pricing, refunds, and withdrawals via Xendit (140+ banks and e-wallets), and integrated ShopeePay and Touch 'n Go, driving approximately 30% transaction growth.

MAY 2021 - JUL 2021

Mola TV - Backend Engineer Head

Managing backend architecture and providing technical leadership to deliver scalable, reliable, and secure systems across the platform. Reporting directly to the Engineering Head, leading backend engineers across four cross-functional squads: Delivery (video streaming and content services), Engagement (user experience and engagement features), Commercial (ads, payments, and subscriptions), and Security (streaming protection, anti-piracy, and security enforcement).

NOV 2018 - APR 2021

Mola TV - Backend Engineer

Built and maintained backend services—including inbox, push notifications, match reminders, and dynamic leaderboards—boosting user engagement and scaling to 2M+ active users. Designed and supported real-time interactive quiz systems for nationwide live broadcasts, handling up to 500K concurrent viewers with low latency and high reliability.

MAR 2018 - JUN 2018

Tokopedia - Technical Writer Intern

Developed new APIs with clear, detailed documentation to improve usability and cross-team collaboration. Maintained and updated technical literature, ensuring accuracy and alignment with ongoing development changes.

EDUCATION

SEP 2022 - SEP 2024

BINUS University - Master's degree, Information Systems Management

AUG 2014 - AUG 2018

Padjadjaran University - Bachelor's degree, Computer Science

CERTIFICATION

- AWS Certified Cloud Practitioner (2023)

SKILLS

- **Programming & Frameworks:** Go, JavaScript (Node.js/Express.js), Ruby on Rails, PHP
- **Cloud & DevOps:** AWS (EC2, S3, Lambda), GCP, Docker, Kubernetes, Nomad
- **Databases:** PostgreSQL, MySQL, MariaDB, Redis, MongoDB
- **Messaging & Event Systems:** Kafka, NSQ
- **Protocols & Architecture:** REST APIs, gRPC, WebSocket, Microservices
- **Monitoring & Logging:** Grafana, Datadog, ELK Stack
- **Collaboration Tools:** Git, Jira, Slack, Microsoft Teams

LANGUAGES

Indonesian: Native, **English:** Professional Business, **Japanese:** Beginner