

FATHUZAEN

SOFTWARE ENGINEER

Jakarta Selatan, Indonesia | +62 895 377991803 | fathuzaen@gmail.com | github.com/aglis-lab | me.kinetistack.com

SUMMARY

Experienced building high-performance backend systems and distributed infrastructure at scale. Currently engineering low-latency, real-time services at Indodax, Indonesia's largest crypto exchange. Focused on system correctness, throughput optimization, and platform reliability — where engineering decisions directly translate to user trust.

TECHNICAL SKILLS

Golang	C++	Flutter/Dart	System Design
Rust	Typescript/Javascript	Nomad	Cloud Native

PROFESSIONAL EXPERIENCES

Software Engineer, Indodax

Jun 2025 - Present

- Spearheaded migration of legacy PHP systems (OTP, notification modules) to high-performance Golang services
- Resolved a critical production memory leak by replacing a faulty MySQL event scheduler with a purpose-built Golang service.
- Stabilized SMS delivery by integrating Telesign for international routing, implementing failure-based fallback mechanisms and new availability metrics.
- Create comprehensive internal service documentation to support team onboarding and operational clarity.

Golang Developer, Lawencon Internasional

April 2024 – April 2025

- Architected a microservices ecosystem, decoupling service boundaries and reducing cascading failures in production.
- Shipped internal SDKs for logging and tooling, eliminating boilerplate across teams.
- Optimized gRPC communication by profiling serialization bottlenecks, cutting latency on high-frequency call paths.

Golang Developer, Sigmatech (PT MNC OTT Network) Oct 2023 – Feb 2024

- Refactored Vision+ streaming platform from Python to Golang, delivering significant performance gains across core service paths.
- Integrated a secure payment gateway, improving transaction reliability and increasing end-to-end success rates in production.
- Improved system scalability by migrating to a microservices architecture, enabling independent deployment and sustained growth under load.

NOTABLE EXPERIENCES

- **Flutter Developer (Freelance), PT Rekeningku Dotcom Indonesia (Dec 2023 – Mar 2024)**
- **Golang & React Developer, PT Maxi Pilihan Indonesia (Jun 2022 – Aug 2023)**
- **Co-Founder & Lead Developer, PT Aplikasi Anak Kampus (April 2021 – Jun 2022)**

EDUCATION

University of Amikom Purwokerto

June 2018 - March 2022

Bachelor of Science in Information Technology

- **Relevant Coursework:** System, OS, Machine Learning, Deep Learning, NLP, Statistic, Back End, Mobile, Front-End
- **GPA:** 3.52

ADDITIONAL INFORMATION

- **Languages:** English, Indonesia.
- **Awards & Recognition**
 - Second Place, National AI Competition (2021, Yogyakarta)
 - Second Place, International Tech Competition (2022, Bali)
 - \$12,500 Government Grant for AI Agricultural Project (2021)
- **Side Project:** [kinetistack.com](https://me.kinetistack.com)