

Adwin Nugroho Siswoyo

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SUMMARY

Software Engineer with **4+ years** of experience, specializing in **backend development, microservices architecture, and system integrations**. Proficient in **Golang, Node.js, PostgreSQL, ArangoDB, RabbitMQ, and Docker**. Passionate about optimizing system performance and ensuring seamless API integrations. Adept at designing scalable, high-performance solutions in **fintech, e-commerce, and omnichannel** domains.

PROFESSIONAL EXPERIENCE

Backend Engineer Go - Fulltime

Jubelio (PT. Guardia Teknologi Indonesia) | Feb 2024 - Present

Skills: Golang, Typescript, Microservices, RabbitMQ, PostgreSQL, MongoDB, Docker, REST API

- Developed and maintained **Jubelio Chat**, enabling seamless communication across multiple marketplaces, including **Lazada, Shopee, Tokopedia, and TikTok**.
- Implemented **real-time message synchronization** with **Lazada Chat**, improving response times and ensuring message consistency.
- **Designed and integrated a product-sending feature** for **marketplaces**, streamlining product distribution across platforms.
- Led the **TikTok integration** for **Jubelio Chat**, ensuring smooth **authentication** and **message** delivery.
- Built a **microservice-based** bulk shipping label generation system, **converting HTML to PDF** with **wkhtmltopdf**, improving document processing efficiency.
- Engineered and built an **order service** and **order consumer** for **Jubelio Store V2**. **Optimized the order service, reducing** order creation **response time to under 2 second**.

Backend Developer - Fulltime

Diacon Medica Technologies | Feb 2020 - Dec 2023

Skills: Golang, Node.js, Microservices, Nats.io, RabbitMQ, ArangoDB, PostgreSQL, Docker, REST API

- Engineered and maintained **critical fintech** and **banking services**, ensuring compliance with financial regulations.
- Acted as a **code reviewer**, enforcing best practices and optimizing performance in **Golang**-based applications.
- **Migrated services** from **Node.js** to **Golang**, improving efficiency and reducing response times.
- Designed and developed REST APIs for **various modules**, including **billing, banners, products, authentication, and back-office systems**.
- Built and documented fully API-driven projects with **Swagger** and **JSDoc**, enhancing developer experience.
- Integrated third-party services such as **NodeBB** (community CMS), **Midtrans** (payment gateway), **SendGrid** (email gateway), and **Verihubs** (SMS gateway).
- Implemented clean **architecture** in **Golang** services, **improving scalability** and **maintainability**.

Backend Developer - Intern

Software House Gumcode | Jan 2018

Skills: PHP, PHP Codeigniter, HTML, CSS

- Developed and optimized **PHP Codeigniter** modules for the MangJek ride-hailing application, improving system stability.
- Implemented an **email form feature** for the company profile page, improving customer communication.

EDUCATION

Bachelor Degree of Informatics Engineering

University of Muhammadiyah Malang • August 2015 – August 2019

Software Engineering

SMK Negeri 7 Samarinda • Jun 2012 - Jun 2015

Machine Learning

Kominfo Digitalent Scholarship Fresh Graduate Academy • October – November 2019

SKILLS

Tools & Technologies: Docker, AWS SDK, Firebase SDK, NodeBB, Xendit, Midtrans, Sendgrid, Verihubs

Development: Backend Development, Microservice Architecture, REST API, Clean Architecture, TDD, Agile, SDLC

Data Science & Machine Learning: Linear Regression, Decision Trees, Neural Networks, Clustering

Soft Skills: Code Reviewing, Problem Solving, Researching, Analyst

Programming Languages: GoLang, Node.js, Typescript, Javascript, PHP, HTML, CSS, Python, and Shell Scripting
