

# Muhammad Ishan Wardhono

## 5 Years of Experience as Backend Software Engineer

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Yogyakarta, Indonesia  
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### Summary

Experienced in the Transaction system of E-commerce, Warehouse Management System, IT Consultancy and software house. Proficient in **Go**, familiar with **Rust**, and **C#**. Skilled in **Object-Oriented Programming**, **Microservices architecture**, **Design patterns**, **unit** and **integration testing**.

### Experience

#### Backend Engineer | Evermos | Nov 2023 - Now

Yogyakarta, Indonesia

Developing a transaction system of e-commerce with **Go**. Implementing databases using **MySQL** and **DynamoDB**.

#### Backend Engineer (Freelance) | Epic Startups | July 2023 - Nov 2023

Kuala Lumpur, Malaysia

Developed schema-based generic workflow system in **Go**, utilized **Temporal** workflow engine. Enhanced **Node.js** payment system, integrated with **Stripe**. Provide solutions for logistic service on truck route planning (pickup and delivery) using **Google OR-Tools** and **Maps Platform**.

#### Golang Developer | Accenture | Nov 2022 - July 2023

Kuala Lumpur, Malaysia

Developed openapi account management system with **Go**. Implemented database using **PostgreSQL**. And managed **Microservices** in **Orchestration** architecture with **Kubernetes**. Created the **Unit Test** for all services.

#### Backend Developer | Pingspace Robotics | May 2021 - Nov 2022

Penang, Malaysia

Developed warehouse management system (WMS) with **C#** and **PostgreSQL**. Using **Domain-Driven** to manage the core modules. Maintained a storage management system using **Node.js**. Developed warehouse e-commerce with **Serverless Stack** using **Typescript**.

#### Software Engineer | Tokopedia | April 2019 - May 2021

Jakarta, Indonesia

Developed high-availability and scalability **Microservices** written in **Go**. Implemented database with **CockroachDB**. Implemented service communication using **HTTP REST**, **gRPC**, **GraphQL** and **NSQ**. Maintained **Unit Test** with minimum 60% coverage. Implemented system monitoring with **Datadog**, **Grafana**, and **Scalyr**.

#### Java Programmer | PT. Buana Varia Komputama | Nov 2018 - April 2019

Jakarta, Indonesia

Built and maintained **Java** applications with **Spring Boot** and **PostgreSQL**.

### Education

Universitas Sumatera Utara  
Medan, Indonesia

Bachelor of Computer Science  
GPA: 3.76

### Skills

<b>Go</b>	<b>RabbitMQ</b>
<b>Rust</b>	<b>Redpanda</b>
<b>C#</b>	<b>GCP</b>
<b>PostgreSQL</b>	<b>AWS</b>
<b>MongoDB</b>	<b>Docker</b>
<b>CockroachDB</b>	<b>Kubernetes</b>
<b>Redis</b>	<b>Docker</b>
<b>REST</b>	<b>Compose</b>
<b>gRPC</b>	<b>Unit Test</b>
<b>GraphQL</b>	<b>Integration Test</b>
<b>NSQ</b>	<b>Benchmark Test</b>

### Personal Project

Personal Web

Online resume personal web  
[pancisukarela.com](https://pancisukarela.com)

Language: **React**, **HTML**, **CSS**

Tools: **Firebase**, **Google Domain**,  
**Google Compute Engine**, **Github**  
**Action Workflow**

Platform: **GCP**

State Machine Service

A library to simplify order and  
transaction status management

Language: **Rust**

Tools: **PostgreSQL**, **Kubernetes**,  
**Docker**, **Docker Compose**

Framework: **Actix-web**, **Tokio**,  
**Domain-Driven**