



PT TEKNO GEMILANG INDONESIA

Magdalena Pebrianty Tambunan

PERSONAL DATA

Experience : 1 Years Months
Highest Education : Bachelor Degree in Information Technology
(University, Institut Teknologi Del), 3.06/4.00
Age : 21 Years Old
Nationality : Indonesian
Marital Status : single
Gender : Female

TECHNICAL QUALIFICATION

TECHNOLOGY

Golang ,Python, Docker, Kubernetes, HTML, CSS, Js, Node.js

DATABASE

MySQL, SQL Server, PostgreSQL , MongoDB

PROGRAMMING TOOLS

:DBEaver , GIT, Postman, Jira, SSMS, Grafana

OPERATING SYSTEM

Win10

CERTIFICATIONS/ TRAINING/ COURSE

2024: Huawei ICT Competition Cloud Track Awardee – Huawei
2024: Capture The Flag Competition Top 10 – Institut Teknologi Del
2025: ElevAlte Azure Microsoft AI Training – GreatNusa

WORK ASSIGNMENTS

January 2025 – June 2025

Backend Developer, PT. Moonlay Technologies

Duties:

➤ Developed and maintained RESTful APIs using Golang

PT Tekno Gemilang Indonesia (TOGI)
Jl. Cikini 2 No.1a, Kec. Menteng, Jakarta Pusat, DKI Jakarta 10330
Telephone: 021 – 2119 2578
www.toghr.com



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- Designed complex SQL queries and aggregation logic with GORM and PostgreSQL
 - Implemented authentication and authorization with JWT
 - Built and managed CI/CD pipelines using GitHub Actions for deployment
 - Ensured clean code structure using MVC and microservices architecture principles.
- Tech Stack Used:** Golang, PostgreSQL, GORM, Docker, Git, Redis

Month, Year – Month, Year

System Analyst (PM), PT. ID PAY ASIA JAYA

Duties:

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Tech Stack Used:,

PROJECT EXPERIENCE

2023, Database Design and Management, Institut Teknologi Del

As Developer, responsible to design, build, and manage relational databases using MySQL and MongoDB.

Technology:

MySQL, MongoDB

Description:

Designed database schema, implemented relationships between tables, and optimized data structure for efficient storage and retrieval

2024, Network Security for LoRaWAN Systems, Institut Teknologi Del

As Network Security Developer, responsible to design and implement secure communication for LoRaWAN systems.

Technology:

Raspberry Pi, LoRaWAN, AES, Ed25519

Description:

Implemented digital signatures and Message Authentication Code (MAC) to secure LoRaWAN data transmission and prevent sniffing attacks.

2023, Homestay Website Information System, Institut Teknologi Del

As Full Stack Developer, responsible to develop and analyze a web-based information system for homestay management.

Technology:

HTML, CSS, JavaScript, XAMPP, MySQL



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Description:

Developed frontend and backend modules for room availability management, handled server-side logic, and integrated database operations for booking and data display features.