

MARVIN GULTOM

(+62) 811 - 9996 - 625 | Tangerang, Banten, 15560 | marvingultom8@gmail.com
| GitHub: <https://github.com/MarvinGultom06> | LinkedIn: [linkedin.com/in/marvingultom/](https://www.linkedin.com/in/marvingultom/)

PROFILE

I am a fresh graduate of the Informatics Engineering Study Program at the Faculty of Information Technology, Tarumanagara University, who has completed my undergraduate thesis. I am known as a fast learner, honest, communicative, disciplined, and responsible. In addition, I have an interest in learning new things and am able to adapt quickly in a new environment. I am excited to implement the knowledge and skills I have to contribute to the progress of the company and my personal development.

EDUCATION

S1 Informatics Engineering, Tarumanagara University

2022 - 2025

GPA: 3.87/4.00

Relevant Courses : Application Developer, Web Developer

- Successfully developed a mobile banking and e-commerce application using Flutter with Firebase as the database
- Create an e-commerce web with HTML, CSS, JavaScript, Express.js with MongoDB as the database

EXPERIENCES

FTI UNTAR (February 2024 - December 2024)

Research Assistant

September 2024 - December 2024

- Assisted lecturers in research in Cianjur, teaching 5th-grade students at *SDN Panyaweuyan* how to use laptops for ANBK preparation
- Assisting lecturers in teaching *Guru Penggerak* how to use several AI Chatbots
- Assisted lecturers in teaching 11th-grade students at *SMAS Diponegoro 3 Rawamangun* and *SMA Santo Bellarminus Jakarta* how to use RapidMiner for sentiment analysis
- Assisting lecturers in teaching *Guru SD 2 Kalideres* how to use Perplexity AI

Laboratory Instructor

February 2024 - June 2024

- Responsible for overseeing laboratory practice sessions
- Helped more than 100 students complete program errors
- Taught more than 59 students in the courses Computation II and Numerical Methods

Lecturer Assistant

August 2024 - December 2024

- Teaching 74 students from various study programs how to use RapidMiner and Gephi tools in the Social Media Analysis course
- Taught more than 100 students in the courses Front End Programming and Introduction to Operating System

The House of Representatives, Republic of Indonesia (DPR RI) (February 2025 - August 2025)

Fullstack Developer Internship

February 2025 - August 2025

- Developed and maintained web-based applications using PHP in a local development environment powered by Laragon
- Built and managed backend logic and database interactions for internal systems
- Utilized DBeaver to manage, query, and maintain relational databases
- Implemented basic frontend features and integrated them with backend services
- Conducted debugging, testing, and system improvements to ensure application stability
- Collaborated with supervisors and team members to gather requirements and implement system features

PROJECT

Sentiment Analysis Website

February 2024 - July 2024

- Successfully developed a Sentiment Analysis Website using an English Language with VaderSentiment method through Python Programming Language

R.E.M Beauty Website

February 2024 - July 2024

- Successfully developed a beauty e-commerce website with HTML, CSS, JavaScript, Express.js, and MongoDB as the database

Dev Ja Vu Application

February 2024 - July 2024

- Successfully designed and creating Mobile E-commerce Application use Flutter with Firebase as the Database and Figma for the user interface design

Red Wallet Application

August 2023 - November 2023

- Successfully developed a Mobile Banking Application use Flutter with Firebase as the database

E-Wisma DPR RI (Internal Reservation System)

February 2025 - April 2025

- Successfully contributed as a Fullstack Developer (Backend-focused) in developing an internal E-Wisma DPR RI system for managing official accommodation reservations
- Implemented backend logic for reservation workflows, user role management (Super Admin, Pimpinan, Operator, User/PNS), and data validation
- Managed relational database operations using MySQL and DBeaver to ensure data accuracy and consistency

DigitAll DPR RI – Internal Administration System

April 2025 - July 2025

- Successfully developed and enhanced features in DigitAll, an internal web-based administrative system at DPR RI
- Built CRUD-based modules and integrated frontend components with backend services using PHP
- Ensured system usability and data integrity through testing and debugging

Website Legalitas (Laravel-based Web Application)

July 2025 - August 2025

- Successfully developed features in a Laravel-based Legalitas website using MVC architecture
- Implemented CRUD functionalities for Produk, Pegawai, and Mahasiswa modules using Eloquent ORM
- Designed backend controllers and Blade views to manage and display data effectively

Undergraduate Thesis – Indonesian Slang Normalization System

August 2025 - December 2025

- Developed an Indonesian slang-to-formal text normalization system using a fine-tuned mT5 model
- Prepared and preprocessed 6,500+ slang-formal word pairs from multiple datasets
- Designed hybrid NLP pipeline combining deep learning, rule-based validation, and Levenshtein Distance
- Implemented a web-based application using Python with Streamlit to handle text input and document input

ORGANIZATION

DPM FTI UNTAR (Mei 2024 - September 2024)

Member of ADHOC Committee for the Election of DPM and BEM FTI

Mei 2024 - July 2024

- Gathered and analyzed student feedback regarding the election process
- Represented student aspirations throughout the election activities

Member of Forum Komunikasi (FORKAM)

October 2024 - September 2024

- Gathered and analyzed student feedback to identify key concerns campus and areas for improvement
- Represented student aspirations throughout the forum's activities and initiatives

ADDITIONAL INFORMATION

- **Technical Skills:** Python, C++, HTML, CSS, Java, PHP, React JS, Express JS
- **Tools:** Microsoft Office (Word, Excel, Power Point), Visual Studio Code, Figma, GitHub, DBeaver, Laragon
- **Soft Skills:** Public Speaking, Time Management, Teamwork, Problem Solving, Communication
- **Languages:** Indonesian (Native), English (Intermediate)
- **Certifications:** Huawei Certified ICT Associate (HCIA) - AI