

ADHITAMA WICHAKSONO

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PROFESSIONAL SUMMARY

Informatics graduate from Telkom University with a strong analytical and technical background in Data Analytics, Data Engineering, and Backend Development. Experienced as a Data Analyst & Engineer at Toyota Astra Motor, contributing to data-driven decision-making through Power BI dashboards and Python-based ETL pipelines. Proficient in Python, PHP, Golang, and Java with solid analytical skills, as well as experience in coordinating and collaborating on academic team projects. Seeking challenging career opportunities to leverage technical expertise and an analytical mindset to contribute to organizational performance and business growth.

EDUCATION

Bachelor of Informatics | Telkom University, Bandung

2021 – 2025 | GPA: 3.34/4.00

- Relevant Coursework: Data Visualization, Backend Engineering, Database Systems, Machine Learning, Software Engineering, Cyber Security, Computer Networks

PROFESSIONAL EXPERIENCE

Data Analyst & Engineer – Fleet Management (Internship)

PT. Toyota-Astra Motor | Jakarta, Indonesia

October 2025 – December 2025

- Developed and maintained interactive Sales & Aftersales dashboards using Power BI to support fleet performance analysis and strategic decision-making for fleet management operations
- Built Python-based data cleansing pipelines to improve data accuracy and ensure consistency across multiple systems
- Collaborated with cross-functional teams to translate business requirements into actionable data insights through interactive visualizations

Backend Developer (Internship)

Badan Pengusahaan Batam (BP Batam) | Batam, Indonesia

June 2024 – August 2024

- Designed and implemented APIs for SPPD Mobile Application, streamlining travel request processes
- Developed and optimized MySQL database architecture, including schema design, indexing, and data integration to ensure efficient data retrieval and system performance
- Ensured seamless integration between mobile frontend and backend services through comprehensive testing and optimization

AI Integration In Backend Application Development (Independent Study Program)

Kampus Merdeka (MSIB 6) x Ruangguru | Remote

February 2024 – June 2024

- Implemented JWT-based authentication middleware in Golang backend, enhancing application security and user access management
- Developed 4 secure and efficient RESTful API endpoints for data management, processing, and user operations
- Participated in code reviews and agile development practices, improving code quality and team collaboration

LEADERSHIP & ORGANIZATIONAL EXPERIENCE

Logistics Team Member

Carnival 2023, HIMAIIF (Informatics Student Association) | Telkom University

October 2023 – November 2023

- Managed building and field permits for large-scale university carnival event
- Coordinated logistics operations including equipment procurement, vendor management, and distribution of event materials
- Collaborated with cross-functional committee members and external stakeholders to ensure successful event execution on time and within budget

Logistics Team Member

Batavia On Telkom (Cultural Festival) | Telkom University

October 2022 – June 2023

- Secured venue permits and managed relationships with vendors for cultural festival event
- Procured and organized event requirements, ensuring smooth operations across multiple event days
- Demonstrated strong teamwork and coordination skills in managing logistics for major university cultural event

KEY PROJECTS & RESEARCH

Network Anomaly Detection using Q-Learning and Deep Q-Learning

Published at IEEE 9th ICSECS Conference 2025

- Developed and evaluated Deep Q-Learning (DQN) model for adaptive network intrusion detection, achieving 99.09% accuracy and 0.9918 F1-score on UNSW-NB15 dataset
- Implemented SMOTE-Tomek technique to address data imbalance, improving model performance on minority attack classes
- Demonstrated model's capability to detect zero-day attacks with negligible performance degradation, contributing to cybersecurity research

Car Sales Performance Dashboard

Data Analytics & Visualization Project | Power BI | 2026

- Built comprehensive Power BI dashboard tracking total sales, revenue, customer metrics, and trend analysis
- Implemented dynamic filters and drill-down capabilities for granular performance insights across regions and time periods

Bakery Sales Data Analysis

RevoU Mini Course Project – Intro to Data Analytics | Excel | 2026

- Analyzed January 2021 bakery transaction data to identify peak sales periods and best-selling product (Traditional Baguette)
- Delivered data-driven recommendations to optimize weekend production and improve inventory management to reduce operational waste

TECHNICAL SKILLS

Programming Languages: Python, PHP, Golang, Java, C++, C

Data Analytics & Visualization: Power BI, Jupyter Notebook, SQL, Data Cleaning, ETL Pipelines

Database Management: MySQL, Database Design, Query Optimization

Web Development & APIs: Laravel, RESTful API Design, JWT Authentication

Development Tools: Visual Studio Code, GitHub, Cursor AI

Languages: Indonesian (Native), English (Professional – EPRT Score: 473/677)

CERTIFICATIONS & TRAINING

- IEEE 9th International Conference on Software Engineering & Computer Systems (ICSECS) - Published Author (2025)
- Data Analytics and Visualization Bootcamp - Dsarea (2026)
- Kampus Merdeka Batch 6 - AI Integration in Backend Application Development (2024)
- Laravel 11 Web Developer Bootcamp - Sanbercode (2025)
- Introduction to Data Analytics - RevoU Mini Course (2026)