ADHITAMA WICHAKSONO

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PROFILE

- Adhitama Wichaksono, Jakarta, 13 December 2002

A Bachelor's degree graduate in Informatics from Telkom University with a strong interest in Data Analysis, Data Engineering, Machine Learning, Web Development, and Backend Development. Proficient in various programming languages, including Python, PHP, Golang, and Java, with experience in web development and data processing. Has internship experience as a Data Analyst and Data Engineer at Toyota Astra Motor, as well as a Backend Developer at BP Batam. Participated in the Kampus Merdeka Independent Study Program (MSIB 6) with a focus on AI integration in backend development. Currently seeking opportunities to further develop skills in a challenging environment, with high motivation and enthusiasm to grow in a dynamic workplace.

EDUCATIONAL BACKGROUND

S1 Informatika, Telkom University (Bandung, West Java)
- Period: 2021 – 2025
- GPA: 3.34
- Relevant Subjects: Data Visualization, Backend engineering, Web Developer, Database Developer, Machine Learning, Object Oriented Programming, Cyber Security, Data Structures, Operating Systems, Computer Networks, Software Engineering.

SMA NEGERI 89 JAKARTA
Period: 2018 – 2021

EXPERIENCE

Data Analyst & Engineer - Fleet Management, PT. Toyota-Astra Motor   (Oct 2025 – Dec 2025)
- Responsible for improving, developing, and maintaining Sales and Aftersales Dashboard visualizations using Power BI Desktop in Fleet Management. Additionally, built and maintained data cleansing programs using Python to ensure data quality and consistency for optimal and efficient analysis.

Laravel 11 Web Developer Bootcamp, Sanbercode   (Feb 2025 – Mar 2025)
- Participated in a bootcamp with a final project of building a website called SANBERBOOK using Laravel with CRUD and authentication features. The website has two roles, admin and user. Admins can perform CRUD operations to manage genres and books as well as view the latest users, while users can only view genres and books and add comments on specific book pages.

Internship as Backend and Database Developer, BP Batam   (Jun 2024 - Aug 2024)
- Responsible for the development of a group internship project for the BP Batam SPPD Mobile Application, including API development as well as database design and management.

AI Integration in Backend App Development, MSIB 6 Kampus Merdeka   (Feb 2024 - Jun 2024)
- Completed the Certified Independent Study Internship Program by Ruangguru (Batch 6, Kampus Merdeka) with a focus on AI integration in backend application development using Golang.

Logistics Member, Carnival 2023, HIMAIF   (Oct 2023 - Nov 2023)
- Served as a logistics member responsible for managing permits for the use of buildings and fields, as well as providing and managing all logistical needs for the event. Responsibilities included coordinating with the committee and relevant parties, ensuring the availability of event equipment, and supporting the smooth execution of the event before, during, and after Carnival 2023.

Logistics Member, Batavia On Telkom   (Oct 2022 - Jun 2023)

- Handled event venue permits, sourced suitable vendors, and provided event requirements.

SKILLS

Language: Indonesian, English (EPRT Score 473/677 | 2025).
Software : Visual Studio Code, Cursor AI, GitHub, MySQL, Microsoft Office, Canva, Figma.
Hard Skills: Programming Languages (Python, PHP, Golang, Java, C++, C), Laravel, Word, Excel, PowerPoint, Graphic Design, Video/Photo Editing.
Soft Skills: Creative Thinking, Critical Thinking, Collaboration and Teamwork, Time Management, Analytical Thinking & Innovation.

PROJECTS

Network Anomaly Detection for Intrusion Detection Systems Using Q-Learning and Deep Q-Learning   (2025, ICSECS Conference)

- This research evaluates Q-Learning and Deep Q-Learning (DQN) for adaptive network anomaly detection using the UNSW-NB15 dataset. Addressing data imbalance via SMOTE-Tomek, it simulates zero-day scenarios by excluding specific attacks. DQN outperformed Q-Learning, achieving 99.09% accuracy and 0.9918 F1-score. The model demonstrated strong generalization against novel threats with negligible performance drops, proving its effectiveness for securing modern network systems.

Web Developer Laravel – Bootcamp - Sanbercode   (2025, Sanbercode)

- Built a website named SANBERBOOK to display a list of books using Laravel with CRUD and authentication features. It includes two roles: admin and user. Admins can perform CRUD operations to manage genres and books and view the latest users, while registered users can view genres and books and add comments on specific book pages.

Coffeskuy Website – Web Developer – Laravel   (2024, Telkom University)

- CoffeSkuy is a Laravel-based website designed to find and explore the best cafes. Features include reviewing and rating capabilities, favoriting options, digital menus, geolocation support, and a booking system through the website, with payment functions still in development. All features are integrated into a single ecosystem for users and cafe owner admins.

CERTIFICATIONS

- **MSIB BATCH 6 - Integrasi AI Dalam Pengembangan Aplikasi Backend Engineering** (2024)
- **Internship Certificate, BP Batam**   (2024)
- **ECCT English Communication Test (3.00/4.00), Universitas Telkom**   (2024)
- **EPRT English Test (473/677), Universitas Telkom**   (2025)
- **Laravel Web Developer, Sanbercode**   (2025)
- **Certificate of Author, 2025 IEEE 9th ICSECS**   (2025)
- **Intro to Data Analytics, Revou Mini Course**   (2026)

PUBLICATION

- **International Conference on Software Engineering & Computer System (ICSECS)**   (2025)