

Widya Yudha Patria

widyayudhapatria@gmail.com | +6281220211308 |

<https://www.linkedin.com/in/widya-yudha-patria-0257a9217/> | Surakarta, Indonesia

A seventh-semester informatics student at Telkom University with a strong interest in data development and operations. Experienced in data processing workflows with a passion for optimizing system performance, integrating automation, and enhancing collaborative processes. Eager to develop technical and interpersonal skills while contributing to innovative projects in data development and operations.

Education

Telkom University, Bandung, Indonesia

Bachelor Degree in Informatics

- GPA 3.73/4.00
- Courses: introduction to programming, programming algorithms, data structures, automata language theory, operating systems, database systems.

Employment Experiences

Mobile Innovation Laboratory

Business Analyst, November 2022 - October 2023

- Engaged in an advanced study group, learning about business intelligence, data warehouses, and tool for business intelligence.
- Developed a comprehensive business plan including SWOT, cash flow projections, and market estimations (TAM, SAM, SOM) using spreadsheets, Google Docs, and Power BI.
- Successfully achieved a Top 10 position in the hackathon with the business plan and application proposal for “Poggers”.

Social Economic Accelerator Lab

Fullstack Cloud Engineer Internship, February 2024 - June 2024

- Learned Prometheus for logging and monitoring, AWS for deploying, and technologies such as EKS, Nginx, PV, PVC, Statefulset, Minikube, Kubernetes, Docker, and Docker Compose.
- Developed a weather prediction application using AWS to optimize and accelerate the process.
- Graduated with a score of 80 and received a certificate of completion for the independent study program.

Yayasan Pendidikan Telkom

Backend Developer Internship, July 2024 - August 2024

- Developed a website calendar using PHP Laravel and implemented backend logic.
- Utilized WireGuard to enhance secure network, conducted thorough API testing to ensure functionality and reliability, and optimized database design for better performance and efficiency.
- The website calendar that was developed was actively used by approximately 15 employees in the IT division of Yayasan Pendidikan Telkom Bandung.

Organizational Experiences

Children’s Forum, Karanganyar, Indonesia

Deputy Chairman of the Children’s Forum, December 2018 - December 2020

- Served as Deputy Chairman of the Children’s Forum, organizing meetings and conducting seminars on children's rights.
- Advocated for child-friendly parks, the removal of cigarette advertisements, and the establishment of smoke-free areas, successfully securing grants for children's forums.
- Successfully led an organization of 20 members as the head, launched a no-smoking campaign, organized a child rights advocacy event during Car Free Day with over 100 participants.

HIMAIF (Himpunan Mahasiswa S1 Informatika Universitas Telkom)

Intern Staff of Student Affairs Team, October 2022 - March 2023

- Responsible for the formation and election of class leaders and class commanders until one class leader and 13 class commanders are elected.

HIMAIF (Himpunan Mahasiswa S1 Informatika Universitas Telkom)

Head of Student Affairs Team, March 2023 - Present

- Responsible for the “Hello World” event, which is an event to welcome new undergraduate informatics students to find out more insight about majoring in informatics with ±500 attendees.
- Made an event to celebrate HIMAIF’s anniversary with success parameters of 200+ participants.
- Lead and supervise the performance of student affairs staff.
- Supports the activities of informatics student entities.

Achievements

- 3rd place winner in POLGOVDAYS (Politics Government Days) at UGM, made a scientific work entitled “Black Campaign”, *October 2018*.
- Election Seminar KPU RI, awarded as participant, *October 2018*.
- CIVILWEEK finalist in UNS Civil Engineering, making a bridge prototype, *April 2019*.

Courses and Certifications

Python for Data Professional Beginner by DQLab, July 2021

- Credential : <https://academy.dqlab.id/certificate/pdf/DQLABINTP1GNOTUA/NONTRACK>

English Proficiency Test, Associated with Telkom University (Score: 487), September 2021

Amazon Web Services Cloud Practitioner by Dicoding Academy, October 2021

- Credential : <https://www.dicoding.com/certificates/MRZMK6GRRPYQ>

Python Core by Sololearn, April 2022

- Credential : <https://www.sololearn.com/Certificate/CT-0HYTTQRV/png>

Committee Experiences

- Chairman of the Committee for the Regional Coordination Meeting of the Children’s Forum in the ex-residence of Surakarta, *2019*
- Member of Castelo’s Rollercoaster events division, *2021-2022*
- PERMIF Event Division, *2021-2022*
- Head of Castelo’s Rollercoaster events division, *2022-2023*
- Member of Hello World event planner, *2022*

Project and Skills

Cekin-App

- Deploying a website that uses laravel-react-inertia using fly.io
- Credential : <https://github.com/widyayudha/CekIn-App.git>

Hard Skills

- AWS, Kubernetes, PHP Laravel, MySQL, PostgreSQL, Python, Go, Ms. Word.

Soft Skills

- Leadership, time management, team management, project management, high initiative.