TIMOTIUS EKANA TEJO KESUMA

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ABOUT ME

Enthusiastic Informatics student at Duta Wacana Christian University with strong interests in software development, cybersecurity, and artificial intelligence. Eager to learn and gain hands-on experience through real-world projects. Skilled in Python, JavaScript, PHP, MySQL, and Firebase, with practical experience in penetration testing, vulnerability assessment, and AI-driven solutions. Passionate about collaborating with teams, adapting to new technologies, and continuously improving technical and problem-solving skills.

EXPERIENCES

Software Developer – Accreditation System, Faculty of Business, UKDW   **October 2024 – Present**

- Developed a web-based academic accreditation system aligned with LAMEMBA standards for the Faculty of Business
- Designed a responsive UI/UX dashboard, and structured a relational database to support accreditation documentation
- Collaborated in a 4-person development team to align system features with accreditation goals and faculty requirements

Vice Chair of the Committee – Robopark 2023   **April 2023 - November 2023**

- Led the organizing team for Robopark 2023, an international-scale tech event in collaboration with Sari Teknologi, IAIS, Robotis, and Onthelive
- Managed event logistics, team coordination, and stakeholder communication, successfully engaging nearly 3,000 visitors over three days
- Curated and executed a diverse program of workshops, competitions, and exhibitions, strengthening campus branding and building external partnerships

Event Organizer – Competition Committee, PERMIKOMNAS National Seminar 2023   **June 2023 - Oct 2023**

- Managed the UI/UX design competition segment involving 14 teams (3 participants per team) from various universities
- Coordinated judging process, event scheduling, and technical documentation to ensure accurate and timely evaluation
- Facilitated online finalist presentations, ensuring clear communication between judges and participants through virtual platforms

Public Relations – HMTI UKDW 2023-2024   **January 2023 - February 2024**

- Managed external communications, content creation, and inter-organizational collaboration to increase student engagement
- Wrote and published social media content for Instagram, supporting outreach and branding strategies
- Supported the planning and execution of an international-scale event with approximately 3,000 participants
- Coordinated an internal committee training workshop for new students, enhancing organizational onboarding and teamwork skills

EDUCATION

Duta Wacana Christian University   **August 2022 - Present**
Informatics   3.24

SMA Negeri 4   **July 2019 - May 2022**
High School

SKILLS

Programming Languages: Python, JavaScript (ES6+), PHP, HTML5, CSS3

Web & Software Development: Front-End Development (HTML, CSS, JavaScript), Back-End Development (PHP, MySQL, Firebase Realtime Database), Responsive UI/UX Design (Figma)

Databases & Cloud Services: MySQL, Firebase (Realtime Database, Authentication)

Cybersecurity Skills: Information Gathering, Vulnerability Scanning (WPScan, Dirhunt), SQL Injection, Cross-Site Scripting (XSS), Basic Penetration Testing, Log Monitoring & Threat Detection (Wazuh), Linux Command Line (Ubuntu, Kali Linux)

AI & Data Science: Machine Learning (Scikit-learn, Pandas), Image Processing (OpenCV), Expert Systems (Forward Chaining, Certainty Factor), Data Preprocessing & Analysis

IoT Development: IoT Integration with ESP32 & Arduino

Development Tools & Platforms: Git & GitHub, VirtualBox

Soft Skills: Critical Thinking, Problem Solving, Team Collaboration, Technical Writing, Adaptability, Event Coordination, Organizing & Planning, Communication