

Nicholas Dwinata

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PROFILE

A highly driven Software Engineer and Informatics student at Duta Wacana Christian University (UKDW) with a proven track record of delivering high-impact solutions across Web3, Native Android, and Full-Stack Web development. Recognized as an award-winning developer (1st Place Mantle Hackathon, APAC Arbitrum Finalist) and a recipient of national grant funding (PKM). Beyond technical architecture, I am a passionate community builder with extensive organizational leadership experience, having successfully coordinated large-scale international and regional tech conferences. I excel in fast-paced environments, combining strong public speaking skills with technical agility to transform complex problems into scalable digital products.

EDUCATION

Duta Wacana Cristian University	2022 - Present
Informatics	
SMAN 02 Mempawah Hilir	2018 - 2021
Science	
SMPN 01 Mempawah Hilir	2015 - 2018
SDN 01 Mempawah Hilir	2009 - 2015

SKILLS

Leadership Critical Thinking Effective Decision-Making Languages Research and Development

PROGRAMMING LANGUAGES

Frontend

HTML
CSS
JavaScript (React,Next)

Backend

Node.js
Python
solidity
solidity

ORGANIZATION EXPERIENCE

BPM FTI(Badan Perwakilan Mahasiswa Fakultas Teknologi Informasi) 2025 2025 - 2026
Leader of BPM FTI

- Lead and oversee all divisions within BPM FTI to ensure smooth and efficient operations.
- Organize and lead meetings for LK FTI (including HMTI, HMSI, and BEM FTI) to discuss program progress and address internal challenges.
- Supervise and evaluate the performance of organizations under LK FTI, ensuring they align with their objectives.
- Facilitate communication between students and faculty/university to ensure student aspirations are conveyed and addressed.
- Support university and faculty-organized activities.
- Advocate for student concerns and drive meaningful improvements.

HMTI (Himpunan Mahasiswa Teknik Informatika) 2024 Leader of HMTI - Managed all divisions within HMTI to ensure smooth operations. - Improved work efficiency and activity levels compared to the previous period. - Supported activities organized by the university and faculty members. - Assisted and resolved issues faced by Informatics students.	2024 - 2025
HMTI (Himpunan Mahasiswa Teknik Informatika) 2023 Staff of HUMORIS (Public Relations and Organization) - Program Study Executive Organization (OKA Prodi) - Delegate for PERMIKOMNAS YOGYAKARTA - Technology Information Sharing	2023 - 2024
PERMIKOMNAS (Perhimpunan Mahasiswa Informatika dan komputer nasional) Yogyakarta Staff of Litbang (Research and Development) - Participated in Garuda Hacks 4.0 Hackathon organized by Garuda Hacks. - Coordinated events for PERMIFEST Yogyakarta. - Served as an Event Member for the PERMIKOMNAS Yogyakarta Makrab.	2023 - 2024

VOLUNTEERING EXPERIENCE

FTI Plus Leader FTI Plus is an activity involving visits to companies to provide new students with experience and an overview of the working world. - Managed all divisions. - Scheduled all work timelines for each division. - Supervised and assisted all divisions as needed.	2024
Studi Banding LK FTI Event Coordinator Studi Banding is an activity where representatives from all organizations visit a university to learn about their organizational activities - Created the event rundown and concept. - Determined the timeline, event date, and target university. - Coordinated with all committee members involved in the comparative study	2024
IAA (Informatics Anniversary Awards) 2024 Steering Committee IAA is the anniversary celebration event for Informatics - Supervised the Board of Executives (BPH). - Oversaw the work of all divisions. - Provided feedback and reprimands to committee members who made mistakes.	2024
ROBOPARK IAA (Informatics Anniversary Awards) 2023 Event Coordinator IAA is the anniversary celebration event for Informatics - Created the event rundown and concept. - Selected the venue for the event location. - Coordinated the robots for the activities. - Coordinated with all committee members involved in the comparative study.	2023 - 2024

FTI Camp**2023 - 2024****Staff of Humas**

FTI Camp is an activity where new students camp on a mountain with the aim of getting to know each other better

- Created sponsorship packages.
- Offered sponsorships to various companies.
- Managed registration for participation in the activity.

FTI PLUS**2023 - 2024****Event Coordinator**

FTI Plus is an activity involving visits to companies to provide new students with experience and an overview of the working world.

- Created the event rundown and concept.
- Selected the company for the event.
- Coordinated with all committee members involved in the comparative study.

Comparative Study of LK FTI – Universitas Ciputra Surabaya**2025 - 2025****Steering Committee**

A comparative study is an academic visit aimed at exchanging knowledge, sharing best practices, and gaining new insights by observing and learning from other institutions or organizations.

- Ensured coordination and task execution across all divisions.
- Monitored and maintained adherence to the event timeline.
- Mentored and trained succeeding committee members for future continuity.
- Collaborated with the host university to ensure the success of the comparative study event.

O-COCOSDA 2025 (International Conference of Oriental COCOSDA).**2025****Team UKDW Coordinator**

An international conference on speech technology and AI hosted by UKDW.

- Team Coordination: Orchestrated communication across various committee divisions to align objectives and ensure operational readiness for the 3-day event.

CoordinationGoogle DevFest Yogyakarta | 2025**2025****Vice Head**

An annual community-led technology conference organized by Google Developer Group (GDG) Yogyakarta. The event brings together local developers and industry experts to explore the latest innovations in Google technologies, including AI, Cloud, Android, and Web, through technical sessions and collaborative networking.

- Operational Leadership: Assisted in leading the coordination team to oversee event logistics, volunteer workflows, and venue management for a large-scale developer conference.
- Cross-Functional Alignment: Facilitated seamless communication between divisions to ensure the precise execution of the event rundown and technical sessions.
- Incident Management: Managed on-site operations and resolved real-time challenges to guarantee a smooth and professional experience for attendees and speakers.

PROJECT EXPERIENCE

Funded Student Creativity Program (PKM) – Panti Wredha Raharja Mulya App**2025****Project Leader**

- Successfully secured national grant funding from the Indonesian Ministry of Education, Culture, Research, and Technology (Kemdikbudristek) through a highly competitive selection process.
- Led the end-to-end development of a purpose-built Android application designed to streamline operations and enhance the quality of care at the Panti Wredha Raharja Mulya nursing home.
- Engineered an accessible and user-friendly mobile interface tailored specifically to the needs of elderly care management and facility administrators.

Full-Stack Laravel Developer

- Architected and developed an end-to-end, high-performance POS system using the Laravel framework to handle complex business logic for one of Yogyakarta's busiest retail outlets.
- Designed the database architecture and optimized backend queries to ensure extremely low-latency transaction processing and data integrity during peak operational hours.
- Built a highly responsive and efficient frontend interface tailored specifically for rapid checkout speeds, seamlessly integrated with the backend infrastructure.
- Successfully deployed a scalable system capable of instantly processing massive, continuous volumes of concurrent daily transactions without performance degradation.

COMPETITION EXPERIENCE

Finalist, APAC Arbitrum Hackathon – Legatum Project**2025****Web3 Full Stack Developer**

- Architected and deployed secure smart contracts on the Arbitrum network to ensure automated, trustless, and transparent digital asset distribution.
- Built and delivered a fully functional decentralized application (dApp) with a seamless user interface. (Live at: legatum-nicdwn.vercel.app)

1st Place Winner, Mantle Hackathon (GameFi Track) – OwnaFarm**2025****Frontend Web3 Developer**

- Awarded 1st Place in the highly competitive GameFi track for developing the frontend of OwnaFarm, an innovative gamified agricultural financing protocol.
- Engineered a complex, dual-interface frontend architecture tailored specifically for two distinct user bases: Farmers and Investors.
- Seamlessly integrated smart contracts to deliver an intuitive, responsive, and secure Web3 user experience for decentralized asset management.
- (Live Portals: ownafarm-farmer.vercel.app | ownafarm-investor.vercel.app)