ANDREAS NICOLAS GINTING

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A fresh graduate in Informatics with experience in web development, data analysis, and machine learning. Experienced in developing a web-based dashboard monitoring system in an enterprise environment, building and deploying machine learning models, and assisting academic courses in Computer Vision and Data Mining. Comfortable working with Python, JavaScript, SQL, and modern web technologies, with a structured way of solving problems, clear communication in team discussions, and the ability to learn and adapt to new environments.

Work Experience

Universitas Kristen Krida Wacana (Ukrida)　　　　　　　　　　Aug 2025 – Jan 2026

Teaching Assistant – Computer Vision & Data Mining

- Prepared practical session materials and served as a tutor during weekly laboratory classes.
- Designed exam structures and final project guidelines for students.
- Provided academic guidance and consultation related to course materials and final projects.
- Managed attendance records and conducted grading for assignments and practical tasks.

PT Wahana Ottomitra Multiartha Tbk (WOM Finance)　　　　　　Feb 2025 – Aug 2025

Data Analyst Intern – IT Data Center & DBA

- Developed a web-based Dashboard Monitoring System (DASH) to simplify IT infrastructure monitoring data from ManageEngine OpManager.
- Built a full-stack application using React.js (frontend), Node.js & Express (backend-proxy), and SQLite for user management.
- Integrated OpManager API and implemented features such as data visualization, role-based access control (RBAC), and caching optimization.
- Deployed the application to an internal Virtual Machine using Docker and prepared technical documentation and user guides for internal use.

Coding Camp powered by DBS Foundation x Dicoding　　　　　　Feb 2025 – Jul 2025

Machine Learning Engineer – Independent Study (MSIB)

- Completed a 5-month intensive program (923+ hours) focused on Machine Learning, covering data processing, modeling, and deployment.
- Contributed to the development of GYM BRO, an AI-based fitness assistant web application.
- Built and evaluated machine learning models including Random Forest (recommendation system), MobileNetV2 (image classification), and a fine-tuned TinyLlama chatbot (LoRA).
- Deployed ML models using Railway and HuggingFace and collaborated with frontend/backend team for API integration.

PT. City Neonindo Indah Murni　　　　　　　　　　　　　　July 2024 – Sep 2024

Contract Data Entry / Event Organizer

- Managed and processed participant data to ensure event readiness and reporting accuracy.
- Coordinated participant batches and handled logistical communication during event execution.
- Prepared financial and reimbursement documentation including expense tracking and reconciliations.
- Compiled post-event reports (LPJ) and supported operational documentation processes.

Education Level

Universitas Kristen Krida Wacana　　　　　　　　　　　　　Sep 2022 – Feb 2026

Graduate in Informatics, 3.78/4.00

CCIT - Faculty Engineering University of Indonesia　　　　　　Aug 2021 – Aug 2022

Diploma in Information Technology, 3.82/4.00

Projects, Skills, and Achievements

- **Projects**:
  - **(2025) Dashboard Monitoring System (DASH) – PT WOM Finance**
    Developed a web-based dashboard to centralize and visualize IT monitoring data from OpManager. Implemented React.js frontend, Node.js backend-proxy, SQLite database, and deployed the system using Docker in an internal server environment.

- **(2025) GYM BRO – AI-Powered Fitness Assistant**
  Built a machine learning-based fitness assistant with recommendation, food image classification, and chatbot features. Deployed models using Railway and HuggingFace and integrated them into a web application via REST API.
- **(2024) Unlocking Key Data Insights to Drive Bicycle Sales**
  Applied FP-Growth algorithm using Python and SQL to analyze sales transaction patterns. Created data visualizations to support inventory and marketing decisions.
- **(2024) Smartphone Diagnose Web Application**
  Developed a rule-based expert system using Forward Chaining to diagnose smartphone issues. Built using PHP and MySQL with separate user and admin interfaces.
- **(2023) Eco Solve**
  Built an Android application supporting environmental awareness and SDG 12 initiatives. Integrated chatbot interaction and donation features using Firebase services.
- **(2023) Menthrid Web Application**
  Developed a web-based content management system for publishing articles and galleries. Implemented session-based authentication using PHP and MySQL.

- **Hard Skills:** Proficient in Python and JavaScript for data processing and web application development. Experienced with React.js, Next.js and Node.js for full-stack development, as well as SQL (SQLite & MySQL) for database management. Familiar with machine learning model development using Scikit-learn and TensorFlow, API integration, and Docker-based deployment.

- **Soft Skills:** Have analytical thinking skills and approach problems in a structured and step-by-step manner. Able to communicate clearly during team discussions and when preparing documentation. Comfortable working in a team environment and completing tasks responsibly within given timelines. Quick to learn new tools and concepts, and able to adapt to different working environments.

- **Achievements:**
  - **Highest GPA Award – Informatics Study Program**
    Recognized for achieving the highest cumulative GPA within the Informatics program.
  - **Best Final Project Topic Award**
    Awarded for the thesis titled *"Sentiment Analysis of Public Responses to the Indonesian Minister of Finance's Exposures for the 2025–2029 Period on YouTube Comments Using IndoBERT and Like-Based Weighting."*
  - **Ukrida Unggul Scholarship Recipient**
    Awarded a 100% tuition scholarship for 4 years with a minimum GPA requirement of 3.5.

Organisational Experience

KOMANDRO (Komunitas Android) CCIT FTUI   Sep 2021 - Sep 2022

Public Relations

Komandro (Komunitas Android) CCIT-FTUI is a student group at Universitas Indonesia's Faculty of Engineering, fostering student engagement in cutting-edge information technology areas such as mobile development, web development, and UI/UX design.

- As Public Relations Officer at Komandro (Komunitas Android) CCIT-FTUI, I managed communications, promoted organizational activities, and maintained media relations to enhance visibility and engagement.