

# ALFARIZQI WIRA ANADYAR

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## SUMMARY

I am a 7th-semester Information Systems student at Universitas Trisakti with strong analytical and leadership skills. I enjoy collaborating in team environments and have solid programming capabilities, paired with a high enthusiasm for continuous learning. My key interests include Data Analysis, Project Management, UI/UX Design, as well as emerging technologies such as Machine Learning, Large Language Models (LLMs), and Automation.

## PROJECT

### Trisakti Academic QA System (RAG + Local LLM)

Final Year Thesis

- Developed an advanced academic chatbot using Llama 3, executed within a Google Colab environment to leverage cloud GPU resources for efficient inference.
- Implemented Retrieval-Augmented Generation (RAG) architecture with FAISS vector database to ensure accurate answers based on official campus documents.
- Conducted performance testing and prompt engineering in a cloud-based notebook environment to optimize model accuracy and reduce hallucinations.

### Kansha Indonesia E-Commerce Platform

University Project

- Developed a fully functional e-commerce website for a local coffee brand simulation using WordPress and WooCommerce as part of the Web Content Management coursework.
- Configured payment gateways, product catalogs, and inventory management systems to simulate real-world e-commerce operations.
- Conducted manual functional testing on checkout flows and user registration to ensure a bug-free user experience, achieving a high grade for the final project

### KanTri Application (ERP Module & UI/UX)

University Project

- Designed high-fidelity UI/UX prototypes using Figma, focusing on creating an intuitive ordering flow for students and canteen tenants.
- Developed a custom Odoo ERP module to implement the design, handling backend logic for product inventory, order processing, and transaction recording.
- Integrated the canteen system with the university's resource planning workflow to streamline operational efficiency and data accuracy.

### Northwind Data Warehouse (ETL Pipeline)

University Project

- Architected a Star Schema data warehouse using Pentaho Data Integration (Spoon) to streamline sales and inventory reporting.
- Built robust ETL pipelines to extract raw transactional data, transform it into Fact/Dimension tables, and load it into a MySQL database.
- Optimized SQL queries to reduce reporting latency and enable real-time business intelligence analysis via Power BI.

### Heart Disease Prediction & Analysis

University Project

- Analyzed a dataset of 900+ patient records using Python (Pandas) and Scikit-Learn to identify key correlation factors in heart disease risks.
- Developed a Random Forest Classifier model that achieved 85% accuracy in predicting potential heart failure cases based on clinical data.
- Designed an interactive Power BI Dashboard to visualize trends in cholesterol levels and age groups, providing actionable medical insights.

## EDUCATION

### Bachelor of Information Systems

Universitas Trisakti • Jakarta, Indonesia • 2026 • 3.21/4.00

### Certified Web Design & Web Programming

INTERNUSA Computer Learning Center • Jakarta, Indonesia • 2023 • Grade A

- Completed intensive 4-month Full-Stack Web Development course (PHP, MySQL, Bootstrap) with Grade A (Excellent).

## ORGANIZATIONAL EXPERIENCE

## **Head of Kominfo Department**

Trisakti University Jakarta • Badan Eksekutif Mahasiswa FTI • December 2024 - December 2025

- Spearheading a creative team of 11 staff to manage the faculty's digital ecosystem, engaging an active audience of 3,500+ followers on Instagram (@bemftiusakti).
- Responsible for strategic decision-making and employer branding for the organization, coordinating directly with the Executive Board of 85 active members.
- Overseeing the production of high-quality visual assets and documentation for major faculty events to ensure consistent brand identity.

## **Staff of Minat dan Bakat Department**

HMTIF Universitas Trisakti • September 2024 - Present

- Actively contributed to the Department of Minat dan Bakat, focusing on identifying, developing, and supporting students' talents and interests through events, competitions, and community engagement initiatives within the Informatics Engineering student association.

## **Staff Kominfo**

Trisakti University Jakarta • Badan Eksekutif Mahasiswa FTI • November 2023 - November 2024

- Recognized as "Best Staff of the Year" (Staff Terbaik) among 85 members for outstanding dedication and competence in educational content management.
- Directed end-to-end visual documentation and public relations for 5+ major faculty events (including National Seminars, FTI CUP, and Comparative Studies), significantly increasing student engagement.
- Served as Master of Ceremony (MC) and Field Coordinator for faculty gatherings, demonstrating strong public speaking and event management skills.

## **Staff**

Trisakti University Jakarta • Google Developer Student Club • October 2023 - September 2024

- Designed high-engagement visual assets for social media and events, ensuring brand consistency across all digital platforms. Managed event documentation and post-event reports for workshop sessions attended by 50+ participants.

## **Staff**

Trisakti University Jakarta • Google Developer Student Club • September 2022 - September 2023

- Participated in intensive workshops on Python and Java programming, implementing best practices in cloud-based development environments. Collaborated with peer developers to solve algorithmic challenges using Google Colab.

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## **SKILLS**

Languages: Bahasa Indonesia (Native), English (Professional Working Proficiency).

Programming: Python (Pandas/Scikit-Learn), SQL, PHP, Java, JavaScript.

AI & Data: Large Language Models (LLM), RAG, FAISS, Power BI, Pentaho (ETL).

Web & ERP: HTML/CSS, Laravel, WordPress, Odoo ERP Development.

Tools: Git, GitHub, VS Code, Figma, Google Colab.

Soft Skills: Strategic Leadership, Public Speaking, Analytical Thinking, Crisis Communication.

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