

VITO AGATHA SATRITAMA

(+62) 895380745400 | vitosatritama@gmail.com | https://linkedin.com/in/vito-satritama | https://github.com/vitoagatha

A recent Informatics graduate with experience in web and mobile application development using Laravel and Flutter, as well as IT support and system development. Experienced in applying statistical analysis, machine learning, and deep learning techniques through academic research and projects. Interested in software development and data analytics, with a focus on continuous learning and technical growth.

ACHIEVEMENTS

First Author & Conference Presenter – **Oakwood Hotel, Surabaya** **Oct 2026**

The 4th Trunodjoyo Madura International Conference (TMIC 2026)

An international multidisciplinary research conference organized by Universitas Trunodjoyo Madura, bringing together researchers and academics to share findings and foster research collaboration.

- Presented the research paper "Evaluating IndoBERT for Sentiment and Multilabel Aspect Classification in Indonesian Student Evaluation of Teaching Comments".
- Contributed to data curation, software, and original manuscript drafting.

WORK EXPERIENCES

PT Magnesium Gosari Internasional – **Gresik, Indonesia** **Feb 2026 – Mar 2026**

Human Resources & General Affairs (Intern)

PT Magnesium Gosari Internasional is an Indonesian company engaged in the production of dolomite-based fertilizers and the processing of industrial minerals.

- Developed a web-based office inventory management system using Google Apps Script, Google Sheets, HTML, CSS, JavaScript, and Bootstrap to centralize asset records.
- Implemented inventory CRUD operations, automated asset identification codes, search and category filters, and an interactive dashboard to support asset monitoring.
- Provided IT technical support through Windows installation, driver troubleshooting, and data backup and restoration to maintain workstation functionality and support daily operations.

PROJECT EXPERIENCES

Jaringan Kasih – **Mobile Fundraising Application** **Nov 2024 – Jan 2025**

Mobile Application Developer

- Developed a mobile crowdfunding application inspired by Kitabisa, allowing users to explore fundraising campaigns, search and filter campaigns, manage profiles, and save campaigns to a wishlist.
- Built user interfaces with Flutter and integrated REST APIs, while contributing to backend development using Laravel and PostgreSQL to support application features and data management.

Teencu – **MBTI Personality & Teen Community Application** **Oct 2024 – Jan 2025**

Mobile Application Developer (Flutter)

- Developed a Flutter-based mobile application designed for teenagers to explore their personality types through MBTI assessments and personalized profiles.
- Implemented interactive user interfaces for personality tests, results, and profile management, with Firebase integration to support user authentication and data storage.

CafePresence – **Web-Based Employee Attendance System** **Dec 2024 – Jan 2025**

Full-Stack Web Developer

- Developed a web-based employee attendance system for a café, featuring GPS-based location verification, photo capture, and employee check-in and check-out functionality.
- Implemented frontend and backend functionality using PHP and MySQL, including employee management, leave requests, attendance monitoring, and reporting features.

Modifkuy – **Motorcycle Customization Web Application** **Apr 2024 – Jul 2024**

Backend Developer

- Contributed to the development of a web application for motorcycle enthusiasts to explore customization ideas, browse motorcycle galleries, and view modification details.

- Developed backend functionality using Laravel and MySQL, including CRUD operations, image uploads, admin authentication, and database management to support application features.

Arenaku – **Sports Field Booking Web Application** **Dec 2025 – Jan 2026**

Web Application Developer

- Collaborated with a team to develop a Laravel-based sports field booking application, allowing users to search for facilities, view field details, and check schedule availability.
- Contributed to field management, scheduling, and role-based dashboards for administrators and staff using PHP, Laravel, and MySQL, including troubleshooting and maintaining application functionality.

NgajiinAja – **Quran Tutoring Web Platform** **Nov 2025 – Dec 2025**

UI/UX Designer

- Designed UI/UX mockups and interactive prototypes for a web-based platform connecting students and parents with Quran tutors, including landing pages, registration, login, tutor listings, and tutor profiles.
- Created user-friendly interfaces with intuitive navigation and consistent visual elements to simplify tutor discovery and improve the overall user experience.

Teaching Quality Recommendation Dashboard – **Undergraduate Thesis** **Jun 2026 – Jul 2026**

Data Analyst & Dashboard Developer

- Analyzed student evaluations and academic grades classes using descriptive statistics, Spearman correlation, and multiple linear regression to identify factors associated with academic performance.
- Developed a recommendation dashboard integrating statistical findings with IndoBERT-based sentiment analysis and multilabel aspect classification of 46,692 student comments, generating teaching improvement recommendations for 3,625 classes.

EDUCATION

Universitas Internasional Semen Indonesia – **Gresik, Indonesia** **2022 – 2026**

Bachelor's Degree in Informatics, GPA: 3.41/4.00

CERTIFICATION

Oracle Cloud Infrastructure 2025 Certified Foundations Associate **Jan 2026**

SKILLS & OTHER EXPERIENCES

- **Soft Skill**: Problem Solving, Analytical Thinking, Teamwork, Communication, Adaptability.
- **Technical Skill**: Python, PHP, Java, Javascript, Dart, MySQL Laravel, Flutter, MySQL, SQLite.
- **Tools**: Microsoft, Google Colab, Visual Studio Code, Android Studio, Figma.

PORTOFOLIO

Undergraduated Thesis – Data Analytics & Deep Learning **Jun 2026 – Jul 2026**



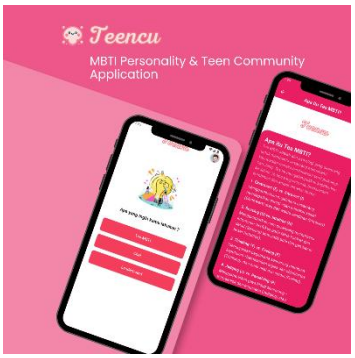
This research analyzes the relationship between teaching quality and academic performance using statistical analysis and IndoBERT-based NLP. It examines data from 6,420 classes and 46,692 student comments, achieving 93.17% sentiment classification accuracy. The results were integrated into a dashboard that generates data-driven teaching improvement recommendations for 3,625 classes.

Jaringan Kasih - Mobile App Development **Nov 2024 – Jan 2025**



A mobile crowdfunding application inspired by Kitabisa, developed using Flutter, Laravel REST API, and PostgreSQL. The application allows users to explore fundraising campaigns, search and filter campaigns, manage profiles, and save campaigns to a wishlist. It provides a platform for discovering and managing community fundraising initiatives.

Teencu - Mobile App Development **Nov 2024 – Jan 2025**



A mobile application developed using Flutter and Firebase to help teenagers explore their personality types through MBTI assessments. The application features interactive personality questionnaires, assessment results, and user profile interfaces, with plans to expand into community interaction and gamification features.

Cafe Presence – Full Stack Web Development **Dec 2024 – Jan 2025**



CafePresence is an web-based employee attendance system developed using PHP, MySQL, and JavaScript. The application integrates GPS-based location verification and photo capture for employee check-in and check-out. It also provides employee management, leave requests, attendance monitoring, and reporting features to simplify daily attendance administration.

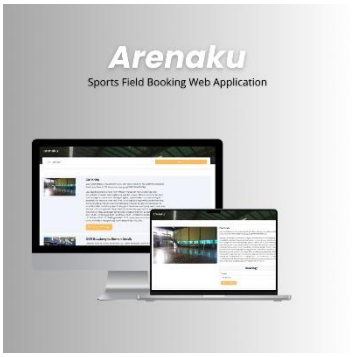
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Modifkuy – Backend Development **Apr 2024 – Jul 2024**



Modifkuy is an web application developed using Laravel and MySQL for motorcycle enthusiasts to explore customization ideas, galleries, and modification details. The backend supports motorcycle data management, image uploads, CRUD operations, and admin authentication, allowing administrators to manage content through a centralized dashboard.

Arenaku – Web Development **Dec 2025 – Jan 2026**



Arenaku is an sports field booking platform developed using Laravel and MySQL to simplify searching and reserving sports facilities. Users can explore available fields, view facility details, and check booking schedules. The application also provides admin and staff dashboards for managing field information, reservations, and scheduling.

Office Inventory System – Internship Project **Feb 2026 – Mar 2026**



Web-based inventory management system developed using Google Apps Script, Google Sheets, HTML, CSS, and JavaScript. The application provides inventory tracking, CRUD operations, automated item codes, search filters, and an interactive dashboard. It supports more organized office asset management through centralized, cloud-based data storage.

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NgajiinAja – UI/UX Designer **Nov 2025 – Dec 2025**



NgajiinAja is a web-based platform designed to connect students and parents with Quran tutors. The UI/UX design includes mockups and prototypes for the landing page, user registration, login, tutor listings, and tutor profiles. The design focuses on creating a clean, user-friendly interface with intuitive navigation to help users explore tutoring options and find suitable instructors.