

# Andrian Meyhta Ferdiansyah

Full Stack Developer | System Analyst

✉ andrianmeyf@gmail.com ☎ 081331872574 📍 Sidoarjo, Jawa Timur

🐙 github.com/AndrianMeyhta 🌐 linkedin.com/in/andrian-meyhta-ferdiansyah-20aa88320

## Profile

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A results-oriented Web Developer specializing in Laravel and React (TypeScript). Proficient in building efficient, scalable, and user-friendly full-stack applications. Committed to delivering practical solutions and embracing new technologies to drive software development forward.

## Work and Project Experiences

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### Pt Panca Patriot Prima

04/2026 – 07/2026

Internal Tools Developer / Admin Marketing (Contract)

Sidoarjo

- Developing an automation-based internal web application to digitize sales data input, data cleaning, and dynamic data recapitulation processes.
- Designing an automated document generation system and integrating an AI agent to automatically analyze sales data and sales visit records.
- Optimizing administrative workflows through digital system efficiencies, including revenue recapitulation, export-import document management, and the processing of purchase reports.

### Pt Multi Spunindo Jaya Tbk

10/2025 – 04/2026

Management Information System

Sidoarjo

- System Architecture & Development (MSJTrans) Designed and engineered the MSJTrans system architecture from initial project setup to database schema mapping. Developed core transaction logic and optimized driver-side UX, increase in driver task efficiency and reducing system latency by 15%.
- SAP System Administration & Operations Managed SAP operational administration with a primary focus on maintaining and updating master data (Materials and Vendors). Ensured 99.9% data accuracy across business units, facilitating seamless procurement and logistics workflows.
- Internal Application Modernization Maintained and modernized internal platforms, including a full UI/UX redesign of the MSJ Career Portal and resolving critical bugs in the MSJ Billing Recap System. Optimized watermark/highlight functions and currency conversion modules, reducing manual processing time by 30%.
- Technical Leadership & Coordination (Pra PR Project) Led technical coordination for the "Pra PR" project, serving as the primary liaison between end-users and a team of 3+ interns. Conducted weekly code and document reviews to ensure 100% compliance with corporate development standards.

- AI Research & Automation (GCP Ecosystem) Spearheaded R&D initiatives using Google Cloud Platform (GCP) to build an AI Agent for automated attendance reporting to the Ministry of Manpower (Kemnaker). This automation project targets a 90% reduction in manual data entry errors and significantly cuts administrative overhead.

#### **Dinas komunikasi dan Informatika kabupaten Sidoarjo**

08/2025 – 09/2025

*Full Stack Developer (Project: Portal SatuData)*

Sidoarjo

- Engineered and modernized the 'Satu Data Sidoarjo' portal, a centralized data platform streamlining data access for 50+ Regional Government Organizations (OPD).
- Architected and deployed a seamless integration with the OpenData portal, positioning 'Satu Data' as the primary gateway for all dataset submissions and improving data consolidation.
- Established a rigorous 2-stage verification workflow that guaranteed 100% data integrity and quality for all published datasets, enhancing data reliability.
- Developed a centralized management system to support over 100 users and organizations, featuring real-time API synchronization with OpenData to ensure data consistency.
- Led troubleshooting and performance optimization efforts in a live production environment, successfully maintaining high levels of website stability and fast user access.

#### **AKMI (KEMENAG RI)**

09/2024 – 10/2024

*Data Analyst Assistant*

Bogor - Bandung

- Contributed to the AKMI national data team by processing and analyzing a dataset of over 15,000 student entries to support nationwide educational assessments.
- Translated complex raw data into actionable insights by developing interactive visualizations and dashboards using Tableau and Excel, directly supporting strategic decision-making for the Ministry of Religious Affairs (Kemenag).
- Authored and presented comprehensive visual reports, delivering clear data interpretation and key findings to project stakeholders to inform scientific analysis.

#### **Quantum HRM Internasional**

12/2024 – 12/2024

*Data Entry Specialist*

Surabaya

- Managed the meticulous entry and validation of over 500 interview intake records, guaranteeing high levels of data accuracy and consistency within the company's database system.
- Improved the data input team's workflow by identifying inefficiencies and implementing a more systematic and efficient process, enhancing overall team productivity.

#### **Dinas komunikasi dan informatika kabupaten Sidoarjo**

01/2024 – 04/2024

*Internship | Programmer, Web Maintenance*

Sidoarjo

- Automated the call center's data backup process by designing and implementing a Python script, which enhanced storage efficiency and data security, achieving a 100% execution success rate.

- Pioneered an early-stage OCR (Optical Character Recognition) prototype using Python and Tesseract to extract data from national ID cards (e-KTP), reaching 70% project completion with promising initial accuracy.
- Conducted pilot hosting trials for the first 10 websites, meticulously verifying and optimizing the server environment to ensure a successful, large-scale mass activation.
- Analyzed and remediated database systems across 3 agency web hosting servers, significantly improving service stability and minimizing downtime for all hosted websites.
- Executed comprehensive feasibility and functionality tests across 108 'Desa.id' websites to ensure full compliance with national performance and security standards.
- Developed and delivered a 3-day intensive training program for 150 village administrators, successfully upskilling their technical capabilities for independent website management.
- Orchestrated the end-to-end administrative and documentation process for the activation of 37 websites, overseeing domain validation, village data verification, and admin account setup.

### **Foodiebot (Project)**

*Backend Developer*

- Designed and developed a RESTful API using Python and Flask to power a mobile application, incorporating Natural Language Processing (NLP) to enable intelligent text-based features.

### **Compease (Project)**

*Full Stack Developer*

- Engineered a Java-based client management system to control and monitor over 50+ client machines in a network environment, replicating a modern internet cafe experience.
- Developed core modules for real-time session tracking, secure application access control, and an automated billing system that supported multiple pricing tiers.
- Automated key administrative processes, resulting in an 80% reduction in manual oversight and ensuring 99% system uptime during peak operational hours.

## **Sertification**

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### **Junior Programmer**

BNSP LSP TIK Indonesia (*Agustus 2024*)

### **System Analyst (Okupasi)**

BNSP LSP TIK Indonesia (*September 2024*)

### **ICT - Junior Computer Oprator & Scientific Writing**

PUSTIPD UINSA (2023)

## Education

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**Universitas Islam Negeri Sunan Ampel**  
*Science and Technology - S1 Information System*  
GPA 3.68

2021 – 07/2025  
Surabaya

## Organization

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**Himpunan Mahasiswa Prodi Sistem Informasi (UINSA)**

2023 – 2024

*Department of Talents and Interests*

Surabaya

- Spearheaded the establishment of a university esports community, focusing on competitive Mobile Legends and growing student membership.
- Secured a top-16 finish out of 200+ university teams in the Indonesian National Inter-University Mobile Legends Tournament.
- Successfully organized three outdoor events (hiking and camping) to foster solidarity and leadership skills among Information Systems students.
- Played a key role in the planning and execution of various activities for student talent and interest development.

## Skills

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### Technical Skills

- **Languages:** Python, TypeScript, JavaScript, PHP, Java, Go, SQL, HTML5, CSS3
- **Frameworks & Libraries:** Laravel, React, Pandas, NumPy, Matplotlib
- **Databases:** MySQL, PostgreSQL, Database Design, ETL, Data Cleaning
- **Developer Tools & Platforms:** Git & GitHub, Docker, REST API, Visual Studio Code, Tesseract OCR
- **Data Analysis & Visualization:** Tableau, Microsoft Excel (Advanced Functions, Pivot Tables)
- **Methodologies & Concepts:** Agile (Scrum), Object-Oriented Programming (OOP), Automation Scripting

### Soft Skills

- Problem Solving
- Teamwork & Communication
- Critical Thinking
- Data Interpretation
- Stakeholder Reporting