

# HAMBALI FITRIANTO

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## PROFESSIONAL SUMMARY

Web Developer with experience building integrated information systems using PHP (Laravel) and Python. Skilled in creating real-time monitoring dashboards, HR recruitment platforms, and maintenance management systems integrated with enterprise APIs (SAP—RFC & OData, Mekari Talenta—HMAC, MaintainX). Proficient in MySQL/PostgreSQL, Linux server administration (Debian, SUSE), and secure API development. Hands-on with Laravel Inertia, React.js, Tableau, and Figma to deliver modern, responsive, and intuitive web applications. Committed to clean, scalable code and driving digital transformation through collaboration and continuous learning.

## TECHNICAL SKILLS

- **Programming Languages:** PHP, Python, JavaScript, HTML, CSS
- **Frameworks & Libraries:** Laravel, Inertia, React.js, Bootstrap, jQuery, Tailwind CSS
- **API & Integrations:** SAP RFC & OData, Mekari Talenta (HMAC Authentication), MaintainX API, Wablas WhatsApp API, RESTful API Development
- **Database Management:** MySQL, PostgreSQL
- **Data Visualization Tools:** Tableau, Power BI
- **DevOps & Server Management:** Debian, SUSE Linux, Nginx, Cronjob, Laravel Scheduler
- **Version Control:** Git, GitHub (Branching, Pull Requests, CI/CD)
- **UI/UX Design:** Figma (Wireframe, Prototype, Responsive Layout)
- **Other Tools:** Postman, Microsoft Office, Visual Studio Code
- **Core Competencies:** System Integration, Secure API Communication, Data Analysis, Clean Code, Team Collaboration

## EXPERIENCE

### PT. Kayu Mebel Indonesia (KMI) – Sidoarjo, East Java

Aug 2025 – Present

#### Web Developer (Contract)

- Developed a real-time SAP Monitoring Center using Python RFC to track production work center performance.
- Built and maintained a Recruitment System (HR) integrated with Mekari Talenta API (HMAC Authentication) for employee data synchronization.
- Designed and implemented a Production Planning Monitoring Dashboard to improve reporting accuracy and visibility.
- Developed MainTENZ (Maintenance System) for work order management, preventive schedules, and performance tracking.
- Created Report KPI Mekanik - cron-based sync with MaintainX API to track mechanic performance and breakdown analytics.
- Built AttenPay - cron-based sync of daily attendance from Mekari Talenta (HMAC API), delivering real-time dashboards & admin UI with Laravel Inertia and React.js.
- Built Jejak Pohon - RFID-based tree inventory & monitoring (NFC/keyboard-wedge scanning, geo-tagging & map picker, scheduled/reactive tasks with multi-assignee, health logs & photo uploads), with Laravel Inertia and React.js.
- Managed Git versioning, deployment, and server configuration across Debian and SUSE Linux environments.

### CV. Natusi – Mojokerto, East Java

Oct 2024 – May 2025

#### Web Developer (Contract)

- Designed and developed responsive, high-performance web applications for healthcare and government institutions.
- Improved code structure and reduced bugs through Git-based version control and code review processes.
- Delivered and maintained systems for:
  - RSUD Dr. Wahidin Sudiro Husodo Mojokerto (APM, IGD, ERM Systems)
  - Dinkes Sidoarjo (SIKUAT Health Information System)
  - Apotik Ndaru Husada Farma Mojokerto
  - BKPSDM Tapman Pamekasan (HR Management System)
  - Petshop Management System – a web-based application for managing product inventory, customer transactions, and pet service records.

### SD Negeri Lombang Dajah 1 Blega – Bangkalan, East Java

Dec 2022 - Jan 2023

#### Web Programmer (Internship)

- Developed a School Information System using Laravel to manage student, teacher, and activity data.
- Integrated Tableau dashboards for performance analysis and reporting.
- Provided technical maintenance for both hardware and software to ensure system stability.

## EDUCATION

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Trunojoyo University Madura - Bangkalan, East Java

Sep 2020 - Jan 2024

**Bachelor of Informatics Engineering | GPA: 3.71/4.00**

- Final Project: "Sentiment Analysis on Madurese Herbal Reviews using SVM and Query Expansion Ranking."
- Specialized in machine learning, data analysis, and web-based application development.
- Collaborated in multiple projects using Git/GitHub for structured version control and teamwork.

## PROJECTS

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- **SAP Monitoring Center (2025)**
  - Real-time dashboard using Python RFC and Laravel for tracking production work centers.
- **MainTENZ – Maintenance System (2025)**
  - Laravel-based platform integrated with MaintainX API to automate KPI reports and maintenance tasks.
- **Recruitment Management System (2024)**
  - HR recruitment system integrated with Talenta API using HMAC
- **Pharmacy Management System (2024)**
  - Web app for managing pharmacy inventory, sales, and distribution using PHP.
- **Sentiment Analysis on Madurese Herbal Reviews (2024)**
  - Machine learning project using Python + SVM to analyze customer sentiment from product reviews.

## ORGANIZATIONAL EXPERIENCE

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Information Technology Center (ITC) - Trunojoyo University Madura

Nov 2020 - Dec 2023

### Member

- Conducted training and workshops on Laravel, PHP, JavaScript, and MySQL.
- Mentored students on API integration, UI/UX design, and clean coding practices.
- Promoted the use of Git and GitHub for collaborative and structured development.

## CERTIFICATES

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- **Web Development for Beginners:** Becoming a Fullstack Web Developer (2024)
- **Microsoft Excel:** Managing Thousands of Data Efficiently (2024)
- **Webinar:** Exploring English Skills (2022)

## KEY ACHIEVEMENTS

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- Graduated in 3.5 years with a GPA of 3.71/4.00.
- Published research paper in NERO Journal: "Implementation of SVM with Query Expansion Ranking on Madurese Herbal Reviews."
- Delivered integrated systems connecting SAP, MaintainX, and Talenta to improve workflow automation.
- Developed multiple operational systems that enhanced efficiency for educational, healthcare, and manufacturing sectors.
- Recognized for clean code, secure API integration, and on-time project delivery across all projects.