HAMBALI FITRIANTO

Bangkalan, East Java | 082138614807 | hambali.fitrianto01@gmail.com | https://porto.hambalifitrianto.web.id/

SUMMARY

Bachelor of Informatics Engineering from Trunojoyo University Madura. Experienced in web development using PHP, Laravel, and Python, with a strong focus on building user-friendly information systems and data analysis. Skilled in database management (MySQL, PostgreSQL), version control (Git, GitHub), and data visualization (Tableau, Power BI). Adept at leading projects, collaborating in teams, and delivering solutions that improve operational efficiency. Passionate about learning new technologies and solving complex problems.

TECHNICAL SKILLS

- **Programming Languages:** PHP, Python, JavaScript, HTML, CSS
- **Frameworks:** Laravel, Bootstrap, jQuery
- **Database Management:** MySQL, PostgreSQL
- **Tools:** Git, GitHub, Figma, Tableau, Power BI, Microsoft Office
- **Other Skills:** Data Analysis, Sentiment Analysis, UI/UX Design, Version Control

EXPERIENCE

CV. Natusi – Mojokerto, East Java   Oct 2024 – Present

Web Programmer | Developer (Contract)

- Design and develop user-friendly websites, ensuring optimal performance and responsiveness.
- Collaborate with the web development team to implement version control systems, improve code quality, and reduce bugs.
- Provide technical support and maintenance for web applications.
- Diagnose and resolve server-side issues, ensuring system stability and security.
- Developed and maintained various health and administrative information systems, including APM, IGD, and ERM for RSUD Dr. Wahidin Sudiro Husodo Mojokerto, SIKUAT for Dinkes Sidoarjo, Apotik Ndaru Husada Farma Mojokerto, and HR management system for BKPSDM Tapman Pamekasan.

SD Negeri Lombang Dajah 1 Blega – Bangkalan, East Java   Dec 2022 - Jan 2023

Web Programmer (Internship)

- Developed a school information system using PHP and Laravel to manage student, teacher, and extracurricular data.
- Integrated Tableau for data visualization, enabling the school administration to analyze performance metrics effectively.
- Supported hardware and software maintenance, ensuring system reliability.

EDUCATION

Trunojoyo University Madura - Bangkalan, East Java   Sep 2020 - Jan 2024

Bachelor of Informatics Engineering | GPA: 3.71/4.00

- Conducted sentiment analysis on Madurese herbal reviews using Python and Support Vector Machine (SVM) algorithm for final project.
- Developed web-based applications using PHP, Laravel, and Python, with a focus on database management and data visualization.
- Collaborated in team projects using Git and GitHub for version control and project management.

PROJECTS

- **Sentiment Analysis on Madurese Herbal Reviews (2024)**
  - Used Python with SVM and Query Expansion Ranking to analyze sentiment from herbal reviews.
- **Pharmacy Management System (2024)**
  - Developed a web-based application using PHP to manage inventory, transactions, and drug distribution.
- **Madurese Herbal Production Monitoring System (2023)**
  - Built a Laravel-based system to monitor and manage the production process of traditional Madurese herbal medicine.
- **Library Management System (2022)**

- Created a web-based system to manage book collections, borrowing, and returning processes.
- **Tourism Promotion System for Madura (2021)**
  - Designed a web-based system to provide information on tourist attractions, accommodations, and services.

ORGANIZATIONAL EXPERIENCE

Information Technology Center (ITC) - *Trunojoyo University Madura*   Nov 2020 - Dec 2023

Member
- Conduct training and discussions on web development using Laravel, PHP, JavaScript, and MySQL.
- Guided participants in understanding database management, API integration, and best practices in web development.
- Sharing knowledge on version control (Git, GitHub) and clean code implementation in application development.
- Actively participate in learning sessions to improve skills in frameworks, UI/UX design (Figma), and application performance optimization.

CERTIFICATES

- **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

- Graduated in 3.5 years with a Bachelor's degree in Informatics Engineering from Trunojoyo University Madura.
- Published Research Paper:
  Co-authored a research paper titled "Implementasi Support Vector Machine (SVM) dengan Query Expansion Ranking pada Review Penggunaan Jamu Madura" in the NERO Journal.
  - Conducted sentiment analysis on Madurese herbal reviews using Support Vector Machine (SVM) and Query Expansion Ranking.
  - Contributed to improving the accuracy of sentiment analysis in the context of traditional medicine reviews.
- Successfully developed and deployed multiple web-based information systems, improving operational efficiency for schools, pharmacies, and herbal medicine production.
- Integrated data visualization tools (Tableau, Power BI) to provide actionable insights for decision-making.
- Consistently delivered projects on time while maintaining high code quality through version control and team collaboration.
- At CV. Natusi, consistently deliver and implement new features requested by clients, ensuring smooth system functionality and optimal performance.