



AL FERRO PUTRA YUSANDA

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final-year Informatics student at Diponegoro University with over 3 years of experience in full-stack development using React, Next.js, Laravel, and MySQL. By integrating a background in Machine Learning with advanced UI/UX design and multimedia skills, I specialize in building functional, aesthetically pleasing, and scalable software solutions. Leverage strong creative skills in multimedia and UI/UX into building functional, aesthetically pleasing software solutions. Equipped with solid communication skills and a growth mindset, ready to deliver value in a professional software engineering environment.

Education

Universitas Diponegoro - Semarang, Indonesia <i>Bachelor of Infomatics/Computer Science, Faculty of Science and Mathematics, 3.59/4.00</i>	Aug 2022
SMA N 3 Salatiga - Salatiga, Indonesia <i>Science</i>	Aug 2019 - Aug 2022

Work Experience

PT Astra International - North Jakarta, Indonesia <i>Internship</i> <ul style="list-style-type: none">Built a full-stack monitoring portal for Generative AI projects with a Next.js dashboard and a Python Flask API.Created wireframes and UI flows, then implemented reusable components and clean layouts to improve usability.Integrated the frontend with REST endpoints for project status and logs, providing timely visibility for stakeholders.	Jan 2025 - Mar 2025
Departement of Informatics Diponegoro University - Semarang <i>Operating System Laboratory Assistant</i> <ul style="list-style-type: none">Led labs on Linux fundamentals: shell navigation, file and permission management, process control, and package management.Demonstrated practical workflows and evaluated student exercises and quizzes.Provided individual guidance and troubleshooting during hands-on sessions.	Oct 2024 - Nov 2024
Departement of Informatics Diponegoro University - Semarang <i>Machine Learning Laboratory Assistant</i> <ul style="list-style-type: none">Guided students through EDA, feature engineering, model training, and evaluation (accuracy, precision, recall, confusion matrix) using Python, pandas, and scikit-learn.Reviewed assignments and explained trade-offs to build intuition for model selection and metrics.	Sep 2025 - Nov 2025
POSITIF 2023 - Semarang <i>Publication and Documentation Coordinator</i> <ul style="list-style-type: none">Led publication and documentation for POSITIF, HMIF's annual sports, arts, and esports festival.Directed content strategy and asset production; designed event visuals and coordinated photographers/videographers to maintain consistent branding.Planned posting schedules and on-site coverage to drive event awareness and attendance.	Mar 2023 - May 2023
HMIF Universitas Diponegoro - Semarang <i>Audio Video Event Technician</i> Official gathering event held by HMIF Diponegoro University <ul style="list-style-type: none">Operated LED videotron, live streaming, and broadcasting workflows for official HMIF events.Edited event videos and photos to produce highlight and recap content.Coordinated publication and documentation activities to deliver assets on time.	Dec 2023

Organization Experience

GDSC Diponegoro University - Semarang <i>Member</i> <ul style="list-style-type: none">Engaged in developer community activities—workshops, study jams, and tech talks—focused on web, mobile, and ML fundamentals.	Mar 2023 - Feb 2024
HMIF Diponegoro University - Semarang <i>Arts and Sports Staff</i> Diponegoro University student organization as a platform to develop students' potential in leadership, technology, arts, and sports. <ul style="list-style-type: none">Collaborated with the event team to organize and execute student engagement activities, fostering a vibrant non-academic culture within the department.	Aug 2023 - Nov 2024

- Designed and produced high-quality digital assets for Arts and Sports division events, ensuring consistent visual branding across HMIF’s social media channels.
- Managed technical broadcasting operations for esports tournaments on YouTube, utilizing streaming software (e.g., OBS/Streamlabs) to ensure seamless delivery to viewers.

Skills

- **Soft Skills** (2020): Represented Salatiga City as a Provincial Delegate for Paskibraka Central Java 2020,
- **Hard Skills** (2023): Database Design, Database Programming with SQL, Java Programming, Fullstack Laravel Web Development
- **Interest** (2021): Video and Photo Editing on Adobe Premire Pro and Adobe Photoshop
- **Projects** (2024): SIT (Sistem Informasi Terpadu) for IRS Informatics Students of Diponegoro University
- **Projects** (2025): Generative AI Monitoring Website for Generative AI and RPA Division's projects on PT. Astra International
- **Projects** (2025): Developed 'WASKITA', an interactive web platform for HIV/AIDS education, in partnership with Stophiva and Public Health Faculty organizations.
- **Projects** (2025): Built a robust full-stack platform for Cahaya Silver using Next.js and Prisma ORM, featuring a dual-interface system for administrative management and guest engagement
- **Language**: Indonesia, English