



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

Aug 2022

Bachelor of Infomatics/Computer Science, Faculty of Science and Mathematics, 3.59/4.00

SMA N 3 Salatiga - Salatiga, Indonesia

Aug 2019 - Aug 2022

Science

Work Experience

PT Astra International - North Jakarta, Indonesia

Jan 2025 - Mar 2025

Internship

- 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.

Departement of Informatics Diponegoro University - Semarang

Oct 2024 - Nov 2024

Operating System Laboratory Assistant

- 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.

Departement of Informatics Diponegoro University - Semarang

Sep 2025 - Nov 2025

Machine Learning Laboratory Assistant

- 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.

POSITIF 2023 - Semarang

Mar 2023 - May 2023

Publication and Documentation Coordinator

- 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.

HMIF Universitas Diponegoro - Semarang

Dec 2023

Audio Video Event Technician

Official gathering event held by HMIF Diponegoro University

- 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.

Organization Experience

GDSC Diponegoro University - Semarang

Mar 2023 - Feb 2024

Member

- Engaged in developer community activities—workshops, study jams, and tech talks—focused on web, mobile, and ML fundamentals.

HMIF Diponegoro University - Semarang

Aug 2023 - Nov 2024

Arts and Sports Staff

Diponegoro University student organization as a platform to develop students' potential in leadership, technology, arts, and sports.

- Collaborated with the event team to organize and execute student engagement activities, fostering a vibrant non-academic culture within the department.

- 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