



ABI EKA PUTRA WULYONO

+6281358367943 | abiekapw@gmail.com | linkedin.com/in/abiekaputrawulyono | github.com/abiekaputra

Mojokerto, East Java

Informatics student with strong analytical thinking, problem-solving, and time management skills. Experienced in working on various technology-based projects and accustomed to working both independently and in teams. Highly motivated to continuously learn and grow, and ready to contribute professionally across diverse fields of work.

Experiences

Bangkit Academy 2024 Led By Google, GoTo, Tokopedia, Traveloka - Surabaya

Sep 2024 - Jan 2025

Machine Learning Cohort

Bangkit Academy is a technology program by Google, in collaboration with GoTo and Traveloka, that prepares Indonesian students for tech careers through training in Machine Learning, Mobile Development, and Cloud Computing.

- Completed intensive Machine Learning coursework through Coursera and instructor-led sessions conducted fully in English, enhancing technical knowledge and professional communication skills.
- Developed AWAIR, an AI-based Android application for Air Quality Index (AQI) prediction using TensorFlow and Google Cloud Platform, enhancing skills in machine learning, cloud deployment, and collaborative teamwork.
- Collaborated with cross-functional team members to design, develop, and present a real-world machine learning solution.

Department of Communication and Informatics of Mojokerto Regency - Mojokerto

Feb 2025 - May 2025

Fullstack Web Developer

The Department of Communication and Informatics of Mojokerto Regency (Diskominfo Mojokerto) is a government agency overseeing public communication, information systems, and digital transformation initiatives.

- Developed SIMONIKA, a web-based application monitoring system to manage and track project development timelines using Laravel and Tailwind CSS.
- Implemented dynamic deadline-based status calculation and interactive timeline tracking to improve workflow efficiency.
- Designed a modal-based editing system to enhance usability and streamline project updates within the organization.

Independent Coffee Shop - Mojokerto

Aug 2022 - Present

Owner

A small local coffee shop serving drinks and light snacks for the surrounding community.

- Managed end-to-end business operations, including inventory control, customer service, and daily financial reporting.
- Built a welcoming and community-oriented atmosphere, increasing customer loyalty and repeat visits.
- Developed entrepreneurial, leadership, and time management skills through hands-on business management.

Academic Research (Healthcare) - Surabaya

May 2025 - Jun 2025

Freelance Data Automation Specialist

Academic research project in the healthcare sector focused on drug usage analysis.

- Developed an automated Excel-based system to process and analyze large-scale drug usage data for academic thesis research.
- Built complex formulas to calculate drug interactions and specialized medication usage metrics.
- Transformed raw and unstructured data into structured, accurate, and ready-to-analyze recap reports, significantly reducing manual processing time.

Undergraduate Thesis Project - Surabaya

Sep 2025 - Mar 2026

Undergraduate Researcher

Academic research project focused on medical image classification using deep learning methods.

- Developed a hybrid deep learning model combining EfficientNet-B0 and Prototypical Networks for diabetic retinopathy severity classification.
- Implemented image preprocessing, model training, and evaluation using medical retinal image datasets.
- Improved classification performance by leveraging transfer learning and metric learning techniques.

PT Adi Media Expertindo - Surabaya

Apr 2026 - Present

Technical Support

PT Adi Media Expertindo, established in 2009 by Stephanus Adi, is an Information Technology Solutions company that helps businesses of all sizes grow through innovative technology services, including software development, data management, Enterprise Resource Planning (ERP), and Customer Relationship Management (CRM).

- Monitor and maintain hardware and software systems at client sites.
- Oversee and ensure the quality of unique code printing processes.

- Provide on-site technical support across multiple partner factories.
- Develop and improve OCR (Optical Character Recognition) applications for unique code recognition and validation.
- Troubleshoot technical issues and implement solutions to ensure smooth operational processes.

Educational

SMA Negeri 1 Dawarblandong - Mojokerto

Jul 2019 - May 2022

Senior High School, Science, 88.41/100.00

- Served as a Student Council Member for two terms, contributing to the planning and execution of school programs and events.
- Coordinated school events including national celebrations and inter-class competitions, strengthening organizational skills.
- Managed communication and publication materials while actively participating in social and environmental initiatives.

Universitas Pembangunan Nasional Veteran Jawa Timur - Surabaya

Aug 2022 - Aug 2026 (Expected)

Bachelor's Degree Informatics, 3.90/4.00

- Web Developer Intern at Diskominfo Mojokerto Regency, built the SIMONIKA web system using Laravel and Tailwind CSS with dynamic project status logic and an efficient modal-based editing system.
- Machine Learning Cohort at Bangkit Academy 2024, developed AWAIR, an AI-powered air quality prediction application using TensorFlow, scikit-learn, and Google Cloud Platform.
- Head of Community Service Department, Informatics Student Association, led departmental programs and managed team operations to ensure effective community engagement.
- Project Leader of Abdi Desa Informatika, coordinated technology training and implemented information systems in a partner village.
- Capstone Project Team Member, contributed to the development of an AI and IoT-based air quality monitoring system.
- Head of Public Relations, KKN Ketintang Subdistrict, developed an MSME website and led digital marketing outreach initiatives for local businesses.

Organizational

Himpunan Mahasiswa Informatika 2023 - Surabaya

Oct 2023

Project Leader of Abdi Desa Informatika 2023

The Informatics Student Association (HIMATIFA) at UPN Veteran East Java is a student organization focused on developing technical and leadership skills among Informatics students.

- Led a team of 28 members as Project Leader of Abdi Desa Informatika 2023 in Duyung Village, Trawas, Mojokerto.
- Organized and implemented community education programs focused on the importance of technology in the modern era.
- Conducted seminars and hands-on training to improve digital literacy and technology utilization within the local community.

Himpunan Mahasiswa Informatika 2024 - Surabaya

Apr 2024 - Feb 2025

Head of Community Service Department

The Informatics Student Association (HIMATIFA) at UPN Veteran East Java is a student organization focused on developing technical and leadership skills among Informatics students.

- Oversaw and coordinated all initiatives within the Community Service Department to ensure effective program execution.
- Developed community empowerment and public education programs while building partnerships with external stakeholders.
- Managed team development, fundraising activities, and resource allocation to support sustainable departmental programs.

Thematic Community Service Program (KKN) on SDGs at Ketintang - Surabaya

Jul 2025


Head of Public Relations Division

The Thematic Community Service Program (KKN) on SDGs in Ketintang Subdistrict focuses on community development through education, innovation, and the implementation of programs based on the Sustainable Development Goals (SDGs).

- Managed communication and public relations throughout the KKN program to support smooth implementation.
- Created publication materials and coordinated outreach activities to increase program visibility.
- Built strong relationships with residents and local stakeholders to ensure effective collaboration.

Skills

- **Machine Learning Engineer (AWAIR)** (2024): AWAIR is an AI-based Android application that predicts Air Quality Index (AQI) and dominant pollutants using TensorFlow, scikit-learn, and Google Cloud Platform.
- **Front End Web Developer (UMKM Connect)** (2024): UMKM Connect is an integrated platform that supports Indonesian MSMEs through services such as investment facilitation, branding, business consulting, product promotion, and talent recruitment.
- **UI/UX (UmbahUmbah)** (2024): Designed a clean and intuitive UI for a laundry application with dynamic promotions and simplified service categorization to enhance quick ordering and account management.
- **Software Engineer (IndoCulture Encyclopedia)** (2024): IndoCulture Encyclopedia is an offline-capable application that provides searchable articles on Indonesian history, architecture, traditions, and culinary heritage, supported by personalized profiles and a secure login system for a seamless user experience.

- **Hard Skills:** Python, Java, JavaScript, HTML, CSS, Laravel, Tailwind CSS, SQL, MySQL, API Development, Git, Machine Learning, Deep Learning, TensorFlow, Scikit-Learn, Data Analysis, Model Deployment, Google Cloud Platform (GCP), Figma, UI/UX Design, Visual Branding, Digital Marketing, Business Operations Management, Inventory Management, Event Planning, Public Relations, Vendor Negotiation, Proposal and Report Writing, and Customer Service.
- **Soft Skills:** Problem-solving, critical thinking, analytical skills, teamwork, communication, time management, adaptability, leadership, project management, and attention to detail.
- **Languages:** Native in Bahasa Indonesia and fluent in English (written and spoken).
- **Certificates** : Machine Learning Specialization, Deep Learning Specialization, Mathematics for Machine Learning and Data Science, DeepLearning.AI TensorFlow Developer, TensorFlow Data and Deployment Specialization, TensorFlow Advanced Techniques, and Google IT Automation with Python.