YUSUF AGUNG RIZKY AFANDI

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Bachelor of Informatics Engineering graduate from Universitas Negeri Malang with a strong interest in Machine Learning and Full Stack Development. Experienced in campus organizations, internships, and technology competitions, with a background in building web-based and AI-driven projects. Committed to applying technical and analytical skills to build effective solutions while continuously keeping up with industry technology developments.

WORK EXPERIENCE

Backend Developer *Apr – Present*

PT Persada Duta Beliton, Surabaya

- Contributed as a Fullstack Developer in the development of the Persada Indonesia POS and Umrah Mandiri Kafiyah web applications.
- Built the UI and backend of the web admin panel for managing content displayed on the MyIbadah application.
- Managed CI/CD pipelines using GitLab to speed up deployment and improve team efficiency.
- Parsed data into new RESTful APIs that were not previously available, to support system integration needs.
- Managed and monitored project progress using Trello to ensure effective team coordination.

Full-Stack Developer Intern, IT Division *Jan – Jun 2025*

PT Bintang Multi Teknologi, Malang

- Developed web applications using Laravel and CodeIgniter, covering backend development, frontend development, and system integration.
- Developed and integrated RESTful APIs and managed MySQL and PostgreSQL databases to support application performance.
- Contributed to the development of a Laravel-based e-ticketing system, including participant registration, admin dashboard, data export, and QR code validation features.
- Implemented designs from Figma into code using HTML, CSS, Bootstrap, Tailwind CSS, and Next.js.
- Performed testing, debugging, and maintenance of applications to ensure system stability and performance.
- Used Git for version control and collaborated on development and deployment to production servers.

Hospital Information Systems Intern *Jun – Aug 2024*

RS Islam Aminah Blitar, Blitar

- Developed a web-based hospital queue management system using Laravel to manage patient registration and appointment scheduling.
- Built a hospital Android application using Flutter to improve patient services and accessibility via mobile devices.
- Assisted with the setup and maintenance of the hospital's network infrastructure, including cabling and network management, to keep hospital operations running smoothly.

Data Verification *Feb 2026*

PSKP, BSKAP, Kemendikdasmen, Malang

- Verified and validated school data using the Dapodik system.
- Ensured collected data was accurate and met required standards.
- Supported the system's quality assurance process for data evaluation.

ORGANIZATIONAL EXPERIENCE

Chairman *Jan 2024 – Dec 2024*

Workshop Elektro, Malang

Workshop Elektro (WSE) is a Semi-Autonomous Institution (LSO) under the Electrical Engineering and Informatics Department Student Association (HMDTEI) of Universitas Negeri Malang, focused on developing soft and hard skills in electronics, electrical engineering, informatics, and entrepreneurship.

- Led and managed an organization consisting of four main divisions: Information Technology (IT), Products and Services, Power and Control (PC), and Robotics.
- Organized 9 annual events, including 1 national-scale event and 5 community service events.
- Formulated and implemented the organization's vision, mission, and strategic plans to support members' skill development across various fields.
- Coordinated all activities and work programs, ensuring synergy between divisions and monitoring ongoing project progress.
- Organized and led management meetings and conducted regular performance evaluations of each division.
- Built collaborations with internal and external parties to increase resources and learning opportunities for members.

EDUCATION

Bachelor of Informatics Engineering *Aug 2022 – Jan 2026*
Universitas Negeri Malang, Malang
GPA 3.93 of 4.00

Machine Learning Cohort *Sep – Dec 2024*
Bangkit Academy 2024, Indonesia

- Participated in a multidisciplinary learning program organized by Google, GoTo, and Traveloka, focused primarily on developing Machine Learning competencies.
- Completed several leading courses from DeepLearning.AI and Dicoding Indonesia, including "Supervised Machine Learning," "Advanced Learning Algorithms," and "Natural Language Processing," as well as other courses related to data analysis and AI model development.
- Developed an innovative capstone project consisting of a machine learning model for text summarization and an interactive chatbot, using transfer learning fine-tuning techniques, successfully deployed on Google Cloud via Flask and Docker.
- Developed soft skills including professional communication, time management, and problem-solving to support career readiness in the technology industry.

ACHIEVEMENTS

Silver Medal, Indonesia Inventors Day 2024 — Aug 2024
Published by the Indonesian Invention and Innovation Promotion Association (INNOPA)
Award for the innovation "PESI: Personalized Website for the Prevention and Management of Depression."

1st Place, HACKATHON SDGs UM 2024 — Jun 2024
Published by Universitas Negeri Malang
Project: "Digital Innovation in Prevention and Handling of Depression through the CESI Website."

1st Place, Electrical Engineering and Informatics Student Festival — Mar 2024
Published by Universitas Negeri Malang
Digital Innovation in Education (Digital Learning Innovation Subcategory).

2nd Place, Electrical Engineering and Informatics Student Festival — Mar 2024
Published by Universitas Negeri Malang
Satria Data Competition (Statistics Essay Category).

2nd Place, Electrical Engineering and Informatics Student Festival — Mar 2023
Published by Universitas Negeri Malang
Scientific Writing Competition.

CERTIFICATIONS

- Getting Started with Kotlin Programming, Dicoding Indonesia — Dec 2024
- DeepLearning.AI TensorFlow Developer Specialization, DeepLearning.AI — Nov 2024
- Machine Learning Specialization, DeepLearning.AI — Oct 2024
- Learning Data Analysis with Python, Dicoding Indonesia — Oct 2024
- Crash Course on Python, Google — Sep 2024
- Using Python to Interact with the Operating System, Google — Sep 2024
- IT Essentials, Cisco — Apr 2024

LANGUAGES & SKILLS

Languages: Indonesian (Native), English (Intermediate)

Technical Skills: Laravel, CodeIgniter, REST API, PHP, HTML, CSS, JavaScript, Bootstrap, Tailwind CSS, React, Next.js, TypeScript, Flutter, Kotlin, MySQL, PostgreSQL, SQL, Git, Postman, Trello, CI/CD, GitLab, Figma, WordPress, Python, C#, Julia

Professional Skills: Problem Solving, Software Development, Testing & Debugging, Agile, Collaboration, Documentation, Project Management, System Design