Ridho Aulia Rahman

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[EngRidhoNet (Ridho Aulia Rahman) · GitHub](#)

WORKING EXPERIENCE

Hospital Penawar Sdn Bhd, Johor Malaysia   December 2025 – Present

Web Developer
- Developed and maintained internal web applications to support hospital operations.
- Collaborated with cross-functional teams to deliver reliable and secure web solutions.
- Ensured system performance, data accuracy, and application stability.

Ruangguru, Malang   July 2025 – Present

Coding Educator
- Taught coding to students across different education levels:
  Elementary School: Introduced computational thinking and creativity using **Scratch Jr**.
  Middle School: Guided students in building mobile applications with **MIT App Inventor**.
  High School: Instructed students in problem-solving and programming fundamentals using **Python**.
- Designed interactive lessons that balanced theory and practice to foster logical thinking, creativity, and problem-solving skills.
- Encouraged students to develop real-world projects, enhancing both technical knowledge and presentation skills.

PT Noxio Group Teknologi, Tarakan   March 2025 – Present

Fullstack Developer
- Built a cosmetic e-commerce platform with product catalog, shopping cart, checkout, and user account management features, enhancing customer experience through responsive and SEO-friendly interfaces.
- Implemented RESTful API endpoints with authentication and role-based access control (RBAC) to ensure secure and scalable application architecture.
- Integrated admin dashboards for order and inventory management, supporting dynamic data visualization and CRUD operations.

Future AI Indonesia, Malang   July 2025 – Present

Founder
- Founded Future AI [(Youtube Channel)](#), an educational and technology platform focused on raising AI literacy and programming skills for students, developers, and the general public.
- Developed learning materials, tutorials, and community-driven initiatives on artificial intelligence, machine learning, and web technologies**.**
- Led content creation (articles, videos, and hands-on projects) to make AI concepts more accessible, practical, and impactful**.**
- Built and grew an online community aimed at inspiring young talents to pursue AI, computer science, and innovation in Indonesia.

Venturo Professional Programmer, Malang   July 2024 - Oct 2024

Internship Project Manager
- Led the UI/UX design process by creating intuitive and user-friendly application interfaces, ensuring seamless user experiences.
- Developed detailed task breakdowns and assigned responsibilities to the programming team, optimizing workflow efficiency.
- Conducted daily progress monitoring, identifying potential roadblocks and implementing solutions to keep projects on track.
- Performed rigorous testing on developed applications to ensure functionality, performance, and adherence

to client requirements.
- Collaborated with cross-functional teams to align project goals with business objectives and enhance overall product quality..

BTPN Syariah, Jakarta   Jan 2024 – Apr 2024

Internship Fullstack Developer
- Developed and maintained web and mobile applications, ensuring optimal performance and user experience.
- Designed and implemented backend APIs to support seamless data integration across multiple systems.
- Optimized database queries and backend logic to enhance system performance and scalability.
- Conducted testing and debugging to ensure application reliability and security compliance.

Syabab Dev, Malang   Oct 2024 – Present

Web Developer
- Developed and maintained the Marbot application, available on the Play Store, ensuring high performance and user-friendly functionality.
- Built and optimized RESTful APIs using Laravel to support seamless communication between frontend and backend systems.
- Created detailed API documentation using Postman to facilitate smooth integration for developers.
- Implemented Git Flow best practices and collaborated with teams using GitLab for efficient version control and code management.
- Optimized database queries and API responses to improve application performance and scalability.
- Conducted thorough testing and debugging to ensure system reliability, security, and compliance with industry standards.

EDUCATION

UIN Maulana Malik Ibrahim Malang   Aug 2022 – Dec 2025

Bachelor of Computer Science (Year 3)

GPA 3.87 of 4.00

PUBLICATIONS

R. A. Rahman, R. F. Saputra, and M. A. Yaqin, "Implementasi Metode Agile pada Pengembangan Sistem Informasi Manajemen Masjid Berbasis Website," *Jurnal SISFO*, vol. 11, no. 2, pp. 11–25, Oct. 2024. doi: 10.24089/j.sisfo.2024.06.002.

ACHIEVEMENTS

10 Best Team – Hackfest 2024, Google Indonesia   Jan 2024

Developed Angkutkita, a mobile application for automating public transportation orders in Malang, using Flutter and a microservices architecture with Golang.

First Runner Up International Paper Competition, Universiti Malaya Malaysia   Oct 2025

Co-authored the **AURA+** research paper focusing on a digital therapy application for children with autism spectrum disorder (ASD).

Awardee of Teladan Scholarship for Quran Memorizers, UIN Malang   July 2022

Received a prestigious scholarship for outstanding Quran memorization achievements.

LEADERSHIP ACTIVITIES

Data Science Enthusiasts Maliki, Malang   Oct 2024 - Present

Lead

- Spearheaded the development of a dynamic community for aspiring data scientists, fostering innovation and technical expertise.

- Designed and led advanced workshops, seminars, and hands-on projects in machine learning, data visualization, and predictive analytics.

• Collaborated with academic and industry professionals to provide mentorship and up-to-date insights, enabling members to tackle real-world data challenges.

• Championed the adoption of cutting-edge tools and methodologies, cultivating a culture of continuous learning and professional growth within the organization.

Media Staff Information, HIMATIF Encoder, Malang   Aug 2023 – Jan 2024

• Managed the HIMATIF Encoder website using WordPress, ensuring smooth content updates and maintenance.

• Published reports and articles on events and activities held during the HIMATIF Encoder 2023 period.

Technical Staff – Data Science Enthusiasts Maliki, Malang   Jan 2023 – Jan 2024

• Focused on machine learning development, contributing to projects such as object recognition using TensorFlow and stock prediction using regression.

• Explored various data science techniques and applied them to real-world problem-solving within the community.

CERTIFICATIONS

Convolutional Neural Networks in TensorFlow   Jan 2023

DeepLearning.AI

Exploratory Data Analysis for Machine Learning   Jan 2023

DeepLearning.AI

TensorFlow for AI, ML, and DL   Jan 2023

DeepLearning.AI

Machine Learning With Python   Jan 2023

DeepLearning.AI

LANGUAGES AND SKILLS

Languages:
- *Bahasa Indonesia (Native)*
- *English (Professional Working Proficiency)*
- *Arabic (Fluently)*

Technical Skills:
- **Programming & Development:** *Laravel, Angular, TensorFlow, Golang, Flutter, MySQL*
- **Programming & Development**: Laravel, Next.js, React, Inertia.js, Golang, Python, Flutter
- **Version Control & Collaboration**: Git, GitHub, GitLab, GitFlow
- **Development Tools**: VS Code, Postman, Jupyter Notebook, Docker, Swagger/OpenAPI
- **Data Science & Machine Learning**: Transformers (BERT, ViT, Linformer), CNN, Supervised Learning, Multi-document Summarization, Biomedical AI, Data Preprocessing & Augmentation
- **Cloud & Database**: Firebase (Firestore & Auth), MySQL, PostgreSQL, RESTful API & Microservices Architecture
- **DevOps & Testing**: CI/CD (GitHub Actions), PHPUnit, API Testing with Postman.