

ABDU RAZAK AL FATAH

ozagood123@gmail.com | (+62) 89527165245 | [LinkedIn](#)

SUMMARY OF QUALIFICATION

- Strong understanding of Machine Learning, including algorithm implementation and data analysis.
- Skilled in Web Development, with experience in front-end and back-end technologies, including HTML, CSS, JavaScript, and database management.
- Experienced in developing Internet of Things (IoT) systems, including device integration, data communication.
- Proficient in Embedded Systems, including hardware design and microcontroller programming for various industrial applications.

EDUCATION

Teknokrat Indonesia University, Faculty of Engineering
Bachelor's Degree in Computer Engineering
Internet Of Things, Embedded System

Bandar Lampung
Semester 6
Major GPA: 3.58/4.00

TECHNICAL SKILLS

Programming Languages: C, C++, Python, Java, Java Script, PHP, SQL

Operating System: Windows, Linux

Databases: SQL, Oracle

Databases: TensorFlow, OpenCV, Arduino IDE, Raspberry Pi, MySQL, CX Programmer, Netbeans, MS Excel/Word

PROJECT EXPERIENCE

IoT-Based Shrimp Larvae Counter , *Internet Of Things*

November 2024 – January 2025

- Developed system using Raspberry Pi and YOLO object detection.
- Implemented a real-time monitoring system accessible via a web interface.
- Improved efficiency for shrimp farmers by reducing time and errors in larvae counting.

Javanese Script Recognition Using Computer Vision , *Computer Vision*

December 2024 – January 2025

- Utilized CNN models for accurate character recognition.
- Integrated OpenCV for image preprocessing and enhancement.
- Aimed to preserve and promote Javanese script by through digital platforms.

Restaurant Website, *Web Programming*

Juny 2024 – July 2024

- Developed a restaurant website with separate login roles for admin, owner, and customers.
- Implemented secure authentication and role-based access control.

Library Book Borrowing Application Using NetBeans, *Object Oriented Programming*

December 2023 – January 2024

- Implemented user authentication for librarians and members.
- Developed features for book borrowing, returning, and tracking due dates.
- Improved library operations by automating manual book lending processes.

ADDITIONAL EXPERIENCE

Merdeka Student Exchange Program

Universitas PGRI Madiun
March 2024 – July 2024

Participant

- Participated in the Merdeka Student Exchange Program, gaining cross-university academic experience.
- Organized a social contribution event at Lentera Hati Orphanage, engaging children in educational games with prizes.
- Delivered a motivational session on the importance of education, inspiring children to pursue learning.
- Developed teamwork and leadership skills through community engagement activities.

LPK Farafi

Multimedia Intern

Metro, Lampung
March 2021 – May 2021

- Completed an internship in line with Multimedia studies, focusing on photography and graphic design.
- Worked on photo editing, layout design, and digital media production.
- Assisted in creating promotional materials and social media content.
- Gained hands-on experience in professional photography and visual storytelling.