ABDUL AZIZ FEBRIYANSAH

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Informatics graduate from Telkom University with a strong interest in Front-End Development and Computer Vision. Skilled in designing responsive web interfaces and building mobile applications. Solid foundation in programming concepts, data structures, and the implementation of AI technologies for visual recognition tasks. Combines technical expertise with creativity to deliver impactful and user-oriented digital solutions.

Education

Telkom University – Bandung, Indonesia — Sep 2021 – Feb 2025

Bachelor of Informatics — GPA: 3.78/4.00

Work Experience

Frontend Developer Intern – PT Telkom Indonesia Tbk – Bandung, Indonesia — Jul 2024 – Aug 2024

- Automated (RPA) solutions to streamline internal workflows, including automated email handling.
- Enhanced the internal meeting room reservation platform by optimizing performance and improving user experience using JavaScript and React.js, following modern UI/UX standards.
- Connected frontend and backend systems through RESTful APIs, utilizing Docker and Node.js for smooth integration and deployment.

Organizational Experience

Google Developer Student Club Telkom University — Dec 2023 – Dec 2024

Machine Learning Bootcamp Participant

- Fundamentals of Machine Learning.
- Setup YOLOv5, TensorFlow, API Development, Python Programming.

Practice Assistant of Data Structures - Lab Informatika Telkom University — Sep 2023 – Jan 2024

- Taught students core concepts of data structures and programming logic.
- Provided guidance and support during lab sessions involving C++ programming.
- Assisted with code debugging and problem-solving throughout the practicum.
- Evaluated student submissions and offered constructive feedback for improvement.

Mobile Development Cohort - Bangkit Academy led by Google, Tokopedia, Gojek, & Traveloka — Feb 2024 – Jun 2024

- Developed an Android app with Kotlin and leveraging TensorFlow Lite.
- Created “Equilibrare”, an AI-powered mobile app that detects users’ anxiety levels based on their written daily journal entries.
- Completed an Instructor-Led Training program to refine soft skills, strengthen personal branding, and enhance professional communication.

Project

Equilibrare

- Developed Equilibrare, an AI-powered Android app that analyzes user-written journals to detect anxiety levels.
- Integrated TensorFlow for text classification and on device model deployment.
- Designed a responsive UI with Kotlin in a collaborative team environment.

Vehicle Classification at Toll Gates Using YOLOv9 and ResNet50

Final Year Project

- Developed an AI-based vehicle classification system combining YOLOv9 for axle detection and ResNet50 for fine grained classification.
- Processed and analyzed 1,196 labeled vehicle side-view images from five official toll classes, achieving 97.08% accuracy.
- Proposed a novel low-cost alternative to traditional AVC systems, enhancing inference speed and operational efficiency at toll gates.

BiLing.ID

- Developed BiLing.ID, a mental health counseling web platform using React.js.
- Implemented responsive and user-friendly UI components for patient-psychologist interaction.
- Collaborated with a backend team using Laravel and MySQL, ensuring smooth integration and feature completeness.