ABDURRAHMAN

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I am a Fullstack Developer with an Information Systems background from Telkom University. I have a strong interest and expertise in database management, web development, and mobile applications. Experienced in building end-to-end solutions for both frontend and backend. Actively engaged in organizations and competitions that sharpen communication, teamwork, and problem-solving skills. Highly motivated to continuously learn new technologies and ready to contribute to impactful projects in the field of software development.

EDUCATION

Telkom University - **Bandung, Indonesia**   Aug 2025 - Now

Bachelor of Science in Informatics (Distance Learning Program)

Telkom University - **Bandung, Indonesia**   Aug 2022 – Jul 2025

Diploma in Information Systems, GPA: 3.81/4.00

MA Al-Ukhuwah - **Sukoharjo,Jawa Tengah**   Jul 2018 - Jun 2021
Department of Islamic Education and Arabic Language

ACHIEVEMENTS

- **Passed Funding Stage Program Kreativitas Mahasiswa 2023 "PKM" -** Successfully securing funding for the Program Kreativitas Mahasiswa competition in 2023 category for the Application of Science and Technology "PKM-PI".

- **1st Winner Business Idea Competition 2023 by Bandung Techno Park** - Achieving first place in this competition by presenting a business idea for a part-time job application platform.

PROJECTS

AquaCulture : Smart Water Monitoring   Jan 2025 - Jun 2025

FullStack Developer

This project was part of an internship research focused on developing a water quality monitoring system to support aquaculture ponds. AquaCulture was designed so that both administrators and main users can effectively monitor and manage water quality data.

- Developed a Laravel-based application with CRUD features and REST API.
- Built a role-based system for administrators and main users.
- Designed and managed MySQL as the primary database.
- Successfully completed the system prototype according to research requirements and internship timeline.

Bangun.in – Construction & Home Design Services   Mei 2025 – Jul 2025

Fullstack Developer

This project is a digital platform that connects customers with construction and home design service providers. Bangun.in simplifies the process of finding, offering, and managing construction or design services through an integrated system.

- Developed a Laravel-based application with a REST API tested using Postman.
- Built a role-based system for administrators, customers (users), and service providers.
- Designed and managed MySQL as the primary database.
- Completed the application prototype according to business needs and scenarios.

MediMe – Pharmacy Management Application   Jun 2025 – Jul 2025

Fullstack Developer

MediMe is a pharmacy management application that helps owners and employees manage drug data and transaction processes. The owner can add medicine data and related information, while employees use the app like a cashier to record sales.

- Developed a mobile application using Flutter for the frontend.
- Built the backend with Laravel and REST API, tested using Postman.
- Implemented CRUD features for medicine and transaction management.
- Designed the architecture with a role-based system (Owner & Employee).
- Integrated the system with MySQL as the main database.

Tanifest – Fresh Produce Marketplace   Apr 2025 – May 2025

Fullstack Developer

Tanifest is an e-commerce platform for purchasing fruits, vegetables, and spice packages online. The application allows customers to easily make transactions, while the admin can manage products and transaction data.

- Developed a Laravel-based application with REST API, tested via Postman.
- Designed a role-based system for admin and customer.
- Implemented CRUD features for product and transaction management.
- Integrated the system with MySQL as the main database.
- Successfully completed the prototype according to client requirements.

Kingkos – Costume & Formal Wear Rental Platform   Apr 2025 – May 2025

Fullstack Developer

Kingkos is a web platform for renting various types of clothing, from cosplay costumes to formal wear. The application is designed to make it easy for users to place orders, while administrators can efficiently manage catalogs and transactions.

- Designed and built a Laravel-based application with modular architecture.
- Implemented CRUD for clothing catalogs, order management, and customer data.
- Developed and tested REST API using Postman.
- Utilized Git & GitHub for version control and team collaboration.
- Provided role-based features for admin and customer with clear transaction flows.
- Used MySQL as the main database for data storage.

Attendify – Employee Attendance Managemen   Apr 2025 - Present

Fullstack Developer

Attendify is a simple web application for employee attendance management, including attendance tracking, leave requests, and employee data management by the admin.

- Developed an ASP.NET-based application with a simple yet functional architecture.
- Created CRUD features for employees, attendance, and leave.
- Used SQL Server Management Studio (SSMS) for database management.
- Tested APIs using Postman to ensure system stability.
- Focused on delivering a lightweight and efficient application tailored to internal management needs.

Traco: Smart City Transportation System Based on Mobile Application in Realizing   Apr 2023 – Okt 2023
Bandung City as a Smart City

Frontend

Traco was a project I developed as part of the 2023 Student Creativity Program (PKM) competition, which successfully received funding. The project aimed to support Bandung City in realizing the Smart City concept through a mobile-based smart transportation system.

- Managed version control and code collaboration using Git and GitHub.
- Conducted unit and UI testing to ensure smooth application performance without bugs.
- Developed as part of the 2023 PKM competition, successfully received funding.

EXPERIENCE

Smart Technology and Applied Sciences Research Group (STAS-RG)- Telkom University,Bandung   Sep 2024 - Jun 2025

Internship

- Developed a real-time water sensor monitoring dashboard using Laravel (full-stack).
- Implemented data visualization and optimized the database for efficient sensor data management.
- Collaborated with the team to integrate IoT concepts into web-based monitoring solutions.

Teaching Assistant Computer Network Structure and Architecture - Telkom University,Bandung   Mar 2024 - Mei 2024

Teaching Assistant

- Provided supplementary lectures during practical classes.
- Explained materials and assisted students in understanding network architecture.

Teaching Assistant Web Programming- Telkom University,Bandung   Oct 2024 - Mar 2025

Teaching Assistant

- Assisted students in learning web programming concepts, including PHP and related technologies.
- Guided practical sessions on backend and frontend development.
- Provided code reviews and helped students debug their web applications

Teaching Assistant Fundamentals Of Data Science- **Telkom University,Bandung**   Sep 2024 - Dec 2024

Teaching Assistant

- Supported students in understanding the basics of data science.

- Introduced concepts such as data preprocessing, exploratory data analysis, and machine learning fundamentals (e.g., KNN).

- Assisted in hands-on sessions using Python for data science tasks

Teaching Assistant Advanced Data Science- **Telkom University,Bandung**   Sep 2024 - Dec 2024

Teaching Assistant

- Helped students explore advanced data science techniques and artificial intelligence concepts.

- Guided practice on implementing machine learning and AI models.

- Assisted in projects involving predictive analytics and data-driven applications.

Teaching Assistant   Fundamentals of Mobile Device Programming – **Telkom University,Bandung**   Mar 2024 - May 2024

Coordinator Teaching Assistant

- Assisted students in learning the basics of programming using Dart and the Flutter framework.

- Contributed to the development of teaching materials and code examples.

Student Association of Diploma in Information Systems - **Bandung**   Sep 2023 - Mar 2024

Creative Economy Department Staff

- Contacted and negotiated with uniform vendors to obtain the best offers.

- Created and managed Instagram posts to promote uniform sales to organization members.

- Successfully increased uniform sales through effective digital marketing strategies.

RESEARCHALLIANCE KO+LAB - **Bandung**   Oct 2023 - Mar 2024

Operations Staff

- Supervised product quality to ensure customer satisfaction and compliance with hygiene standards.
- Strengthened communication and teamwork skills in a dynamic startup environment.
- Proactively addressed and resolved operational challenges, enhancing problem-solving abilities.

HACK4ID Logistic - **Bandung**   Jun 2023

Competition Participant.
- Gained the opportunity to formulate and develop a startup plan with other aspiring founders.
- Collaborated with 50 to 60 professional participants from various industries.
- Sharpened skills in developing effective and innovative startup strategies.

Dies Natalies Diploma Sistem Informasi - **Bandung**   Des 2023

Deputy Head of Division.
- Created an Instagram filter related to the event.
- Documented all event activities.

CERTIFICATION

- **Getting Started with Dart Certificate**   ***Open***

- **Mobile Development GDSC Certificate**   ***Open***

- **Teaching Assistant for Network and Computer Architecture**   ***Open***

- **Teaching Assistant for Mobile Device Programming Fundamentals**   ***Open***

- **ASEAN Data Science Explorers 2024: SAP Analytics Cloud and SAP Build Apps Online Training Session**   ***Open***

SKILLS

- **Soft Skills**: Public Speaking, Pitching, Time, Task & Project Management
- **Hard Skills**: Programming Languages (Java, Dart, PHP, Python, Kotlin, C#), Frameworks and SDKs (Flutter, Android SDK, Laravel, ASP.NET), Database and Data Storage (SQLite, MySQL, Firebase Realtime Database, SSMS), Development Tools (Git, GitHub, Postman, Trello, Jira), RESTful API & JSON, Figma Design.