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ABOUT ME

Graduate in Information Systems with a specialization in Android Development and Machine Learning. Experienced in building intelligent and user-centered mobile applications, with a strong focus on real-world use cases such as document classification, OCR-based text extraction, automatic license plate recognition, and computer vision. Passionate about integrating AI into mobile platforms to deliver impactful and efficient digital solutions.

SKILLS

Machine Learning
Computer Vision / NLP
Python

Android Development
Kotlin / Flutter (Dart) / Java
React.js

EDUCATION

Universitas Hasanuddin

August 2020 - November 2024

Major: Bachelor of Computer Science

GPA: 3.88/4.00

EXPERIENCES

Intern / Lab Visit at Kyushu Institute of Technology

July 2024

- 5-day internship at Kyushu Institute of Technology, Fukuoka, Japan. By working on the project Predicting Face Mesh Landmarks Based on Stress Score from Garmin

Mobile Developer Intern at PT. Bejana Investidata Globalindo (BIGIO.ID)

February 2024 - June 2024

- Developed and maintained mobile applications using Flutter for cross-platform deployment on Android and iOS.
- Part of the Dzikra Development Team, an Islamic application with features for reading the Quran, dhikr, and paying infaq.
- Part of IPJ (Informasi Pangan Jakarta / *Jakarta's Food Information*) Development Team, an information application to find out information on changes in food prices in Jakarta.

Laboratory Assistant for Algorithm and Programming with Python Course

August 2023 - December 2023

- As a laboratory assistant in Programming with Python course in Information System major, Hasanuddin University.
- Teaching python programming course and assisted students with their assignments at Hasanuddin University.

Bangkit Academy 2023 led by Google, Tokopedia, Gojek, & Traveloka Cohort

February 2023 - July 2023

Mobile Development Path

- Learn the concepts and design of Android apps to become a reliable Android developer.
 - Learn from basic to expert, from Kotlin programming language, Android for beginners, basic, intermediate, expert, UI/UX, Jetpack Compose, programming with SOLID principles.
 - Completed the capstone project, SiFresh. Android-based application that allows users to detect the freshness of their fruits and vegetables, also equipped with a marketplace feature to make it easier for users to buy fresh fruit and vegetables.
 - Distinction graduate from this program and completed all assignments, attended all instructor-led training workshops, and earned cumulative scores in the top 10% of graduates.
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LICENSE & CERTIFICATIONS

Dev Certification for Android (DCA) - Issued by dev.id - Link: https://dev.id/certificate/verify/L8W57M20R0	January 2025
C# Intermediate - Issued by Sololearn - Link: https://www.sololearn.com/en/certificates/CC-3HPLMCYQ	March 2024
Become an Android Developer Expert - Issued by Dicoding Indonesia - Link: https://www.dicoding.com/certificates/2VX36MVW4XYQ	October 2023
Bangkit Academy 2023 - Certificate of Completion specializing in Mobile Development - Issued by Bangkit Academy led by Google, Tokopedia, Gojek, & Traveloka - Link: https://drive.google.com/file/d/1ImTP9u_N_b_ejmbU4PYteRjTe8XohtXQ	July 2023
Learn to Build Android Apps with Jetpack Compose - Issued by Dicoding Indonesia - Link: https://www.dicoding.com/certificates/81P23V5RQXOY	May 2023
Learn SOLID Programming Principles - Issued by Dicoding Indonesia - Link: https://www.dicoding.com/certificates/JMZV99EMJPN9	May 2023
Certified International Specialist in Data Visualization (CISDV) - Issued by PASAS Institute, Singapore - Link: https://drive.google.com/file/d/121Ja_00sxu2ldc6upZeUQZ4y8umSedXy	December 2022
GEMASTIK XV National Student Performance in Information and Communication Technology - Issued by the National Achievement Center of the Ministry of Education, Culture, Research and Technology of the Republic of Indonesia at Brawijaya University. - Link: https://drive.google.com/file/d/1DLOcay3mYJVB-0WfmF_pUUt-u7AxRzHX	November 2022
BPJS Kesehatan Healthkathon 2022 Semifinalists - Machine Learning Category - Issued by Indonesia Social Health Insurance Administration Body (BPJS Kesehatan) - Link: https://drive.google.com/file/d/1QNfflq32ApyO6f9OcNSuJ1oWcprK62J	October 2022
Associate Data Scientist Microcredential Certification - Issued by the Ministry of Education, Culture, Research and Technology of the Republic of Indonesia. - Link: https://drive.google.com/file/d/1yXi_i3dlwfVerodmgXlo98WoplBz-hN	December 2021

PROJECTS

Galaxy Aksara - Competition project. Galaxy Aksara is an interactive, gamified learning platform for the Batak script and language. Promotes Batak culture through engaging lessons with modern game elements (XP, levels, streaks, achievements). Enables users to read, write, and explore everyday Batak expressions in a fun, interactive way. - Link: https://galaxyaksara.id	July 2025 - August 2025
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Galaxy ALPR**May 2025 - June 2025**

- Competition project. Galaxy ALPR is a comprehensive solution for automatic license plate recognition specifically designed for Indonesian vehicles. The system utilizes YOLOv11n for fast and accurate vehicle and license plate detection, and Gemini for high-precision Optical Character Recognition (OCR). Together, these technologies enable robust recognition and processing of license plates from various input sources.

DocuBERTify**August 2024 - October 2024**

- Final thesis project. Automating document classification (KTP and SIM) and digitizing the content using machine learning. It uses the BERT model for text classification and Google's ML Kit SDKs for text recognition. The application is built for Android devices, and it includes a backend server to handle API requests for document classification and a pre-trained BERT model.
- Link: <https://github.com/Riofuad/Docubertify.git>

SiFresh**May 2023 - June 2023**

- Bangkit Academy 2023 capstone final project. Android-based application that allows users to detect the freshness of their fruits and vegetables. SiFresh is also equipped with a marketplace feature to make it easier for users to buy fresh fruit and vegetables, this application also helps farmers to distribute their fruit and vegetables.
- Link: <https://github.com/Riofuad/BangkitCapstone-CS23-PS315.git>

User Story App**April 2023 - May 2023**

- Certification project. An application containing a list of stories (like Instagram posts) uploaded by users from [Dicoding Story API](#).
- Link: <https://github.com/Riofuad/User-Story-App.git>

GitHub User App**March 2023 - April 2023**

- Certification project. An application containing a list of GitHub users from Users [GitHub REST API](#).
- Link: <https://github.com/Riofuad/Github-User-App.git>

Facial Emotion Detection System**December 2022 - January 2023**

- Group project. Detect facial emotions by classifying faces sad, happy, angry, surprised, etc. Using Python with Tensorflow to create the model and deploy on a web application using Flask.
- Link: <https://github.com/Riofuad/Facial-Emotion-Detection-System.git>
- Web: <https://fnilvuwu.github.io/Facial-Emotion-Detection-System/>

Laptop Price Prediction**October 2022 - November 2022**

- Group project. Predicting laptop prices using the [Laptop Price dataset](#) from Kaggle using a regression model.
- Link: <https://github.com/Riofuad/Laptop-Price-Prediction-using-Regression-Trees-Algorithm.git>

Doctor Care App**March 2022 - May 2022**

- Course project. A mobile-based platform for consulting with specialist doctors. Using Java and Firebase
- Link: <https://github.com/Riofuad/Android-App-Doctor-Care.git>

HONOR & AWARDS

1st Place Winner - Open The Gate Hack 2025**June 2025**

Issued by BSS Parking

Google Bangkit 2023 Distinction Graduate**July 2023**

Issued by Bangkit Academy led by Google, Tokopedia, Gojek, & Traveloka

The Most Outstanding Student of Information Systems Department, Mathematics and Natural Sciences Faculty, Hasanuddin University**August 2022**

Issued by Information Systems Department, Mathematics and Natural Sciences Faculty, Hasanuddin University