

MUHAMMAD DAFA ARDIANSYAH, S.KOM.

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ABOUT ME

Fresh graduate majoring in Computer Science with several internship and project experiences in Fullstack & DevOps with a bachelor's degree in Informatics. Experienced with Frontend development (ReactJS), Backend development (Java, Python, NodeJS), DevOps (Jenkins, Docker, Kubernetes), Data Scientist, and database management including MySQL, PostgreSQL, MongoDB. I have a keen interest in exploring new technologies and approaches, and I thrive in dynamic and challenging environments. With a solid understanding of algorithms, data structures, clean architecture, and database management, I am equipped to tackle complex problems and contribute effectively to IT projects.

WORK EXPERIENCE

Machine Learning Engineer and Project Manager

Surabaya, Indonesia

Bangkit Academy 2023 By Google, GoTo, Traveloka - Machine Learning Learning Path

Feb 2023 – Jul 2023

- Successfully developed android applications called Agronify with Kotlin, NodeJS, ReactJS, and Tensorflow
- Working in collaboration with the drafting team and material reviewers to ensure the highest level of quality and accuracy in the final product.
- Become a Graduate with Distinction
- Certified with Tensorflow Developer Certification from Google

Full Stack Developer

Surabaya, Indonesia

PT Andromedia

Aug 2022 – Dec 2022

- Managed to build a virtual paint feature on walls for a paint company with ReactJS and NodeJS
- Troubleshoot and debugged feature maintenance on an application project of one of the large companies in the Fertilizer Distribution sector
- Successfully made several views for a mobile application in a fertilizer distribution company project using CapacitorJS and ReactJS
- Managed to become the best group of graduates in the batch.

Front End Web Developer and Project Manager

Surabaya, Indonesia

Dinas Perkebunan Jawa Timur

Aug 2022 – Oct 2022

- Successfully developed android applications called Sibundi with NodeJS, ReactJS, and React Native
- Working in collaboration with the drafting team and material reviewers to ensure the highest level of quality and accuracy in the final product.
- Troubleshoot and debugged issues that arose during the development process to ensure smooth operation and functionality of the applications.

PROJECTS

Chills Movie Streaming App

2025

- Developed a ReactJS-based movie streaming application featuring Redux for state management, Axios for API consumption, frontend CRUD/Auth functionalities with native CSS.
- This Project is Final Project Output from Front End Path Harisenin.com FSD Bootcamp Batch 15.
- Deployed via a Jenkins Automation CI/CD pipeline on a personal server.
- Project Link : hsba2b-chill.glanze.site
- Github : github.com/mdafaardiansyah/chill-movie-apps-4

Agronify Images Classification Model

2023

- Successfully led this project by becoming the Project Manager of Agronify
- Created an advanced deep learning model for image classification, specifically designed to detect leaf diseases in various plantations across Indonesia.
- Successfully implemented a state-of-the-art deep learning architecture, utilizing the MobileNet framework, to develop eight different image classification models. Achieved an average accuracy of 98% and a minimal 4% loss in the models' performance, showcasing their effectiveness in accurately classifying leaf diseases.
- Project Link : github.com/Agronify

Sibundi App	2022
<ul style="list-style-type: none"> • Successfully Leading this project by becoming a Project Manager • Managed to Create a Sibundi App's landing page using ReactJS and create some views with React Native • Project Link : github.com/teamldh/sibundi-web 	
Creating a SD E-Learning System Front-End with ReactJS.	2022
<ul style="list-style-type: none"> • Developed this project Front-End With ReactJS with TailwindCSS 	
PEMBUATAN GIM "PENCAK SILAT: ART OF FIGHT" MENGGUNAKAN UNITY	2022
<ul style="list-style-type: none"> • Developed an android game using C# Programming Language, Data Structure with Unity software • Project link : pencaksilatartoffight.itch.io/pencak-silat-art-of-fight • Journal link : <i>PEMBUATAN GIM "PENCAK SILAT: ART OF FIGHT" MENGGUNAKAN UNITY</i> 	
To see more My Projects	
<ul style="list-style-type: none"> • Developed this Portfolio's Project Front-End With ReactJS with TailwindCSS • Deployed via a Jenkins Automation CI/CD pipeline on a personal server. • Project site : portfolio.glanze.site/ • Github : github.com/mdafaardiansyah/web-profilev1 	

EDUCATION

Universitas Pembangunan Nasional "Veteran" Jawa Timur	Surabaya, Indonesia
<i>S.Kom. in Computer Science; GPA: 3.96/4.00 (Cumlaude)</i>	<i>Sept 2019 – Nov 2023</i>
<ul style="list-style-type: none"> • Bangkit Academy 2023 By Google, GoTo, Traveloka - Machine Learning Learning Path (Python & Tensorflow) • PT Andromedia - Full Stack Developer (React & NodeJS) • Indonesia Cyber Education Institute - Game Programmer (C# .NET & DSA) 	

COURSE, TRAINING, AND CERTIFICATION

DigitalSkola - DevOps Engineer link	<i>April 2025 - Present</i>
Harisenin.com - Fullstack Developer link	<i>March 2025 - Present</i>
Sertifikat Junior Programmer BNSP link	<i>Jun 2024 - Jun 2027</i>
Tensorflow Developer Certificate link	<i>Dec 2023 - Dec 2026</i>
Google IT Automation with Python link	<i>Jul 2023</i>

SKILLS

Technical:

- Fullstack Developer - Javascript, Golang, Java, React, NextJS, Tailwind, Python, MySQL, PostgreSQL
- DevOps - Jenkins, AWS, GCP, Docker, Microservices with Kubernetes, ArgoCD, Terraform, ELK Stack, Prometheus&Grafana

Softskill: Communication, Teamwork, Problem Solving, Leadership, Time Management, Attention-to-detail, Critical Thinking

Languages: Indonesia (Native), English (Intermediate), Japan (Beginner)

ACHIEVEMENT

Graduate with Cumlaude and Highest GPA from My Computer Science Majority link	July 2023
Graduate with Distinction Bangkit Academy 2023 Batch 1 - Machine Learning Path link	July 2023
Become a Graduate with the Best Internship Andromedia team - Full Stack Developer link	Dec 2022
Successfully become a Graduate completing Game creation capstone at ICE Institute link	June 2022