ARRIZA FAJAR ZHAFAR YASAR

082226701340 | arriza916@gmail.com | https://www.linkedin.com/in/arriza-fajar-zhafar-yasar-25899b1bb/ | https://arrizafajar.vercel.app/

Jaten 02/13, Jaten, Jaten, Karanganyar

I am Computer Engineering graduate at the Institute Technology Sepuluh Nopember (ITS) with deep passion for IoT, machine learning, and web development. Have been serving as a Multimedia and IoT laboratory assistant have honed my skills. I am excited to continue learning and developing myself, I am eager to leverage my skills and contribute to the dynamic and ever-evolving tech industry. As a graduate of Cloud Computing Bangkit Academy 2023 Batch 1, I gained a lot of insight into implementing applications in a cloud environment.

Work Experiences

PT. Toyota Motor Manufacturing Indonesia - **Karawang, West Java, Indonesia** Feb 2025 - Aug 2025

Internship

PT Toyota Motor Manufacturing (TMMIN) is a subsidiary of the Toyota Motor Corporation.
TMMIN acts as a manufacturer and exporter of genuine Toyota products and parts.

Having grown with Indonesia for more than five decades, TMMIN continues to play an important role in the development of the automotive industry by opening up opportunities for other supporting industries. Not only through quality resources, TMMIN is also supported by five factories with environmentally friendly technology that operate in Sunter and Karawang.

- Internal training : Basic Safety, PDCA (Plan, Do, Check, Action) , 5R, A3 Report, JKK (Ji Kotei Kanketsu)
- Participated in Event : Restart Day Toyota, Quality Exhibition, Expertise Exhibition, Supplier Genba, QCP (Quality Control Project)
- Developed and optimized the WCS (Warranty and Cost Sharing) dashboard, helping visualize key data and track KPIs for warranty claims. With integrated data from multiple sources (W-Cube2, CRSI, TMC, SAP, WCRR) inti Power BI for Seamless reporting.

Bangkit Academy led by Google, Tokopedia, Gojek, & Traveloka - **Bandung, West Java, Indonesia - Remote** Feb 2023 - Jul 2023

Apprentice - Cloud Computing Learning Path

Designed to prepare students with in-demand skills and tech certifications, the Bangkit curriculum offers 3 interdisciplinary learning paths - machine learning, mobile development, and cloud computing. By the end of this program, you'll be equipped with the tech expertise, soft skills, and English proficiency you need to transit from academia to the workplace and succeed at leading companies.

- Successfully completed the comprehensive Cloud Computing track, which included hands-on projects in cloud infrastructure, services, and deployment strategies.
- Developed and deployed a scalable web application using cloud services, integrating machine learning models and optimizing for high availability. This project showcased your ability to apply theoretical knowledge to real-world challenges.
- Presented the capstone project to industry professionals, receiving positive feedback for innovation and practical application of cloud technologies.

Education

Institut Teknologi Sepuluh Nopember - **Surabaya, East Java, Indonesia** Sep 2020 - Aug 2024

Bachelor of Computer Engineering, 3.50/4.00

- Spearheaded the design and implementation of an IoT-based smart laboratory, integrating advanced sensor networks and real-time data processing systems. The lab is utilized for cutting-edge research in robotics and intelligent systems.
- Led multiple robotics projects aimed at enhancing laboratory research capabilities. These projects included the design, programming, and deployment of systems using advanced sensors and control algorithms.
- Received recognition from the Computer Engineering Department for outstanding contributions to laboratory research and development.

Pengalaman Organisasi

Formaiska - **Karanganyar, Central Java, Indonesia** Sep 2022 - Aug 2023

Head of Kominfo

- Responsible for managing communications and information dissemination within the organization

Himpunan Mahasiswa Teknik Komputer (HIMATEKKOM) ITS - **Surabaya** Aug 2022 - Feb 2023

Staff of RELCOM (Relation and Communication)

- Active member of the Himpunan Mahasiswa Teknik Komputer (HIMATEKKOM) ITS, contributing to the RELCOM division (Relation and Communication).

Skills, Achievements & Other Experience

- **PT. TMMIN Internship** (2025)
- **Cloud Computing** (2023): Learn the fundamentals of cloud computing to deploy applications, monitor operations, and manage enterprise solutions with these specializations: Google IT Support, Cloud Computing Foundation, Cloud Engineering Learning Path, Web Basic, Javascript Basic, Back-End Basic, Cloud Engineer, Application Development with Cloud Run
- **English for Foreign Language** (2021): EFL
- **Bangkit Academy Capstone Project: PeduliHIV** (2023): As a developer for the PeduliHIV application, I contributed to the creation of a platform designed to significantly improve the medical, emotional, and social well-being of HIV patients. The app empowers users by providing a supportive community, access to healthcare through doctor consultations, and essential tools for managing their daily lives, all while addressing the stigma associated with HIV. My role involved integrating machine learning models and backend services into the mobile application using Google Cloud Platform. I developed and deployed backend services on Google App Engine, ensuring seamless integration with other cloud services such as Cloud Storage for secure file management, Cloud SQL for managing user databases, and Cloud Run for the deployment of scalable ML models. Through my work, I played a key role in designing and implementing a robust and scalable cloud architecture that supports the app's comprehensive features.
- **Google Cloud Skillboost** (2023): Cloud Skills Boost is Google's platform that offers on-demand training and skill development in Google Cloud technologies. The Google Career Certificate program is an online training program that offers professional certificates in fast-growing, high-demand technology fields
- **LED Clock Matrix** (2023): The system displays the clock, calendar, temperature and alarm with characters on an 8 x 32 LED dot matrix (4 8x8 LED matrices), with USB keyboard input. Temperature is measured using an analog temperature sensor (LM35). The features on the system include run mode, set clock, set date, and set alarm.
- **4WD Control Using Sign Detection** (2024): This is a project to create a robot car movement control system with traffic sign detection that utilizes computer vision
- **Learn to Create a Web Front-End for Beginners** (2024): This class is aimed at a Front-End Web Developer who wants to develop a website that has more functionality than just information media, in accordance with industry standards. Students can create interactive front-end web applications that have storage features using web storage.
- **DALAN : Deteksi Kecelakaan Bermotor Dengan Laporan Otomatis** (2024): The DALAN system is designed to help traffic officers on highways to monitor accidents by detecting accidents automatically using computer vision in the form of a camera provided with a machine learning model so that the camera can detect accidents automatically