

Muhammad Ridhan Khoirullah
<https://ridhan0101.github.io/Website-Portofolio-Ridhan/>

Fresh Graduate Informatics Engineering Sriwijaya University

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PROFESSIONAL SUMMARY

A Computer Science graduate with cum laude honors and a GPA of 3.90/4.00, with a background in an accelerated class that allowed me to complete high school in just two years. Passionate about developing skills in technology and programming, with a special interest in website development using Laravel and CodeIgniter, as well as data mining with Python using Streamlit and Flask. Experienced in managing MySQL, Oracle, and MongoDB databases, and developing Java GUI-based applications. I am excited to join an innovative team where I can continue to learn, contribute, and develop effective technology solutions.

ACADEMIC QUALIFICATION

August 2021 – January 2025

S.Kom. (Equivalent to B. Eng) in Informatics Engineering (honours)

Department of Informatics Engineering, Faculty of Computer Science, Sriwijaya University (UNSRI), Jl. Raya Palembang – Prabumulih Km. 32 Indralaya, Ogan Ilir 30662, Indonesia

GPA: 3.90 / 4.00 with specialisation in Data Mining Association

Undergraduate Thesis Project: **Purchase Association Of Chips And Crackers Using Apriori Algorithm** [Grade A in both Oral Examination and Dissertation Writing]

Supervisor: (1) Dian Palupi Rini, M.Kom., Ph. D.. (2) Desty Rodiah, S.Kom., M.T.

- Design Apriori Algorithm Model for Purchase Association Analysis in Chips and Crackers Transactions

February 2024 – June 2024

Independent Study - Kampus Merdeka Backend Developer Program - Ruang Guru

- Focused on Backend Development using Golang
- Learned Postman API, Web Service API, Git, GitHub, and AI
- Gained experience in RESTful API development and microservices architecture
- Collaborated in a team-based environment to build scalable backend solutions
- Final Project: Developed a chatbot for electricity usage monitoring at home, integrating AI-based analysis for energy consumption optimization.

2019 - 2021

Senior High School - MAN 3 Palembang Science Major (IPA) - Acceleration Program

- Completed high school in 2 years through an accelerated learning program.
- Lived in a mandatory dormitory for one year, fostering independence and self-discipline.

WORK EXPERIENCE

December 2023 – January 2024

Internship Java Developer at PT.DIRGANTARA INDONESIA (PTDI) – Bandung Indonesia

PT Dirgantara Indonesia (PTDI) is a state-owned enterprise (SOE) in Indonesia specializing in aircraft manufacturing and aerospace engineering.

President Director: Marsda TNI (Purn.) Gita Amperiawan

- [Project] Development Of It Vendor Management Application Using Java Gui At Pt. Dirgantara Indonesia

June 2022 – November 2023

Full Time Position at RIZAN 858 SNACK – Palembang, Indonesia

RIZAN 858 SNACK is a micro, small, and medium enterprise (UMKM) engaged in the production and distribution of chips and crackers in Palembang, Indonesia.

• **Position:** Data Analyst

• **Key Responsibilities & Achievements:**

- **Analyzed** sales and operational data, providing insights that improved sales efficiency
- **Managed** transaction data and identified market trends, leading to better demand forecasting.
- **Developed** automated reports using **Excel, SQL, and Power BI**, reducing manual data processing time by.
- **Optimized** inventory management, decreasing product waste through data-driven recommendations.

AWARDS AND FUNDING

- 2021 – 2025 **Graduated with Cum Laude honors in 3.5 years (Informatics Engineering)**
 Earned a Bachelor's degree in Informatics Engineering with distinction from Sriwijaya University.
- Feb 2024 – Jun 2024 **Certified in Backend Development (Ruang Guru x Kampus Merdeka)**
 Awarded certification for completing an intensive backend development program focused on industry-relevant skills and technologies.
- 2019 - 2021 **Completed high school in 2 years (Acceleration Program)**
 Successfully completed an accelerated learning program, demonstrating outstanding academic performance and adaptability.

Organization Experience

- January 2023 – December 2023 **Staff Of Human Resource Development-** Badan Otonom Fasilkom Science Community Sriwijaya University
- Fasco is a research organization within the Faculty of Computer Science, Sriwijaya University that develops technological innovation and fosters leadership skills.

SKILLS

Mother tongues	Bahasa Indonesia, Bahasa Palembang			
Other language(s)	UNDERSTANDING		WRITING	SCORE
	Listening	Reading	Structure	
	English ()	48	54	55
Relevant Technical Skills	Programming Language: Python, Java, HTML, CSS, Java Script Framework: Flask, Code Ingiter, Laravel, Python Framework Database: MySQL, Oracle, MonggoDB, PostgreeSQL Data Mining Method: Apriori Algorithm, ARIMA Method Scientific Concentration: Data Science, Data Mining, Web Development, Document Preparation: Microsoft Office			