

# PORTOFOLIO

Defhita Zahra Sastika

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# Hello,

## I'm Defhita Zahra Sastika

*Student of Telkom University Purwokerto*

A final-year Informatics Engineering student passionate about Information Technology, programming, research, and digital design. Proven creativity through completion of various web and mobile application projects. Actively pursuing research in Artificial Intelligence, especially Deep Learning. Highly motivated to learn and contribute in dynamic digital and tech environments.



# Education

**2019-2022**

**State Senior High School 1 Paguyangan**

became a graduate of SMAN 1 Paguyangan majoring in MIPA  
(Mathematics and Natural Sciences), with an average score of 87.00.

**2022-Now**

**Telkom University Purwokerto**

am a student of Telkom University Purwokerto Informatics study  
program, class of 2022. I

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# ORGANIZATIONAL EXPERIENCE

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## National Informatics and Computer Students Association (PERMIKOMNAS)

As part of the National Informatics and Computer Students Association (PERMIKOMNAS) in Central Java, I have served as the **Treasurer of Region VII**. In this role, I am responsible for managing regional finances and ensuring transparent and accountable financial planning for all organizational activities. I also actively contribute by providing financial solutions and strategies to address various regional budgeting and operational challenges.



## Informatics Engineering Student Association

Become an active member of the informatics engineering student association and serve as the **External Relations Coordinator** tasked with establishing relations with students and organizations outside the campus. Has contributed to the success of various work programs.

## Telkom University Purwokerto Marketing Crew

become part of the marketing crew of Telkom University Purwokerto in the field of Roadshows to various high schools, campus Expos, become part of the committee for events held by PMB, become a host on Live Streaming IG and Youtube, and have the opportunity to become part of the campus admissions team.

# PROFESSIONAL EXPERIENCE

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## **Internship at PT. CAZH Teknologi Inovasi Quality Assurance**

*During my internship at PT. CAZH Teknologi Inovasi as a Quality Assurance (QA), I was involved in ensuring the functionality and reliability of various applications developed by the company. One of the main projects I contributed to was RUKUN, a web-based RT (Neighborhood Association) Information System, where I conducted testing to verify that all features aligned with user requirements. In addition, I supported the QA process for several other applications, including creating test cases, reporting bugs, and collaborating closely with developers to ensure smooth deployment and optimal user experience.*



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## Marketing Crew Telkom University Purwokerto Admissions Marketing Staff

- Managing and recording all incoming registration data and required documents from prospective students.
- Registering prospective new students of Telkom University Purwokerto, conducting presentations by going directly to high schools to promote the campus.
- Participating in Marketing Crew events, such as CJSLS and the like.



# Host Live Marketing Crew Student Promotion Department Staff

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- Acted as the main host for live streaming sessions promoting the university across various social media platforms.
- Engaged directly with audiences to answer questions about campus.
- Delivered information in a persuasive, communicative, and engaging manner to enhance the university's image.



# RUKUN WEB APP

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The image displays four screenshots of the RUKUN web application:

- 1**: Home page featuring the RUKUN logo and the text "Manajemen Rukun Tetangga".
- 2**: Login screen titled "Masuk" (Log In) with fields for Email and Password, and a "Masuk" button.
- 3**: Dashboard showing key statistics: Total Pengguna (50), Total Warga (50), Total Warga Laki-laki (30), Total Warga Perempuan (20). It also includes a chart for "Total Arus Kas" (50) over time from Jan to Dec, and a donut chart for "Presentase Arus kas" (Debit: 50%, Kredit: 50%).
- 4**: Task management board titled "List" showing a backlog of tasks. The backlog items are:
  - Frontend (Due Feb 21)
  - Backend (Due Feb 15)
  - Testing (Due Feb 25)
  - Maintance (Due Feb 27)

**RUKUN** is a web-based application developed to help manage resident and household data at the neighborhood (RT) level. In this project, I took on dual roles as a **UI/UX Designer and Quality Assurance**. I conducted user research to understand the needs of RT administrators, and translated those insights into intuitive wireframes, user flows, and prototypes that ensured usability and accessibility. I collaborated closely with the development team to ensure that the design aligned with technical requirements and that the final product delivered a smooth and satisfying user experience. As part of the QA process, I performed testing to verify the system's reliability, functionality, and ease of use.

# KIDS CARE WEB APP & MOBILE

My experience as a UI/UX & Quality Assurance team member on the KIDS CARE (Web & Mobile App) project has given me a strong foundation in ensuring product quality, especially in the context of child healthcare services. From January to June 2025, I was involved in designing user-friendly interfaces to help monitor children's health through Posyandu services on both web and mobile platforms. I conducted usability testing and refined prototypes to enhance the user experience for healthcare workers and parents. Additionally, I carried out quality assurance testing to ensure the application's functionality, reliability, and alignment with user needs—further strengthening my motivation to pursue a professional career in Quality Assurance.

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**Formulir Riwayat Kesehatan Anak**

Nama Anak	Umur	Jenis Kelamin
<input type="text"/>	<input type="text"/>	<input type="button" value="Pilih"/>
Berat Badan (kg)	Tinggi Badan (cm)	
<input type="text"/>	<input type="text"/>	
Alamat		
<input type="text"/>		
Tanggal Terakhir Imunisasi	Tanggal Harus Imunisasi	
<input type="text"/> dd/mm/yyyy	<input type="button"/>	<input type="text"/> dd/mm/yyyy <input type="button"/>
<input type="button" value="Simpan Data"/>		
<b>Data Anak yang Tersimpan</b>		
<b>Ashar (3 tahun, Laki-laki)</b>		<b>Laksono (16 tahun, Laki-laki)</b>
BB: 6 kg   TB: 20 cm		BB: 45 kg   TB: 158 cm
Alamat: Klampok		Alamat: Kemangkon
Terakhir Imunisasi: 2025-06-08		Terakhir Imunisasi: 2025-06-02



# COMMITTEE EXPERIENCES

1. Grand Launching Telkom University Purwokerto
2. Central Java Student Leader Summit Tel-U Purwokerto
3. Kampus Visit & Trial Class Telkom University Purwokerto
4. Malam Seni Informatics 2024
5. Invfest X ISF 2024/2025
6. Welcoming Party Informatics 2024/2025
7. Dialog Keprodian Informatika 2024/2025
8. Pengabdian Masyarakat
9. Study Banding HMIF Tel-UP X HMJI UIN WS
- 10.





# Thank you

## Contact Details

**Phone :** +6285742706877

**Address :** Purwokerto, Central Java,

**Email :** [@dfhiizs3@gmail.com](mailto:@dfhiizs3@gmail.com)