



MUH. RHAYYAN ZHAKHI

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Informatics student at Hasanuddin University with strong technical skills in data analyst and machine learning. Through my coursework in specifics topics in data mining, data analyst, and big data, I have gained a solid foundation in data analysis and predictive modeling. I am eager to apply my knowledge and skills to contribute to your team and learn from experienced professionals in the field.

Education Level

Universitas Hasanuddin – Makassar, Indonesia

Aug 2021 – Feb 2026

Bachelor Degree in Informatics Engineering, 3.74/4.00

- Successfully passed the national selection and received funding for the Program Pembinaan Mahasiswa Wirausaha (P2MW), a government initiative to support student entrepreneurship projects.

Work Experiences

Hubdam XIV Hasanuddin – Makassar, Indonesia – <https://hubdamdigital.com/simantik>

Okt 2024 – Jan 2025

Internship/Magang – UI/UX Designer and Frontend Web Developer

- Designed and developed SIMANTIK, a web-based inventory management system for communication equipment.
- Created the UI/UX design using Figma, applying user-centered design principles and prototyping for effective user workflows.
- Built the frontend using Laravel.
- Collaborated closely with the client to understand business needs and translate them into an engaging user experience.

Pacira Garden – Makassar, Indonesia – <https://www.paciragarden.com/>

Sept 2024

Freelance – UI/UX Designer and Frontend Web Developer

- Designed the website interface using Figma by applying UI/UX principles such as user flow, wireframing, and prototyping.
- Developed the frontend of the website using React.js, focusing on responsive design and component reusability.
- Deployed the final website using Hostinger, ensuring optimal performance and accessibility.
- Collaborated closely with the client to understand business needs and translate them into an engaging user experience.

Organizational Experience

EduSensei Teaching Vtuber – Makassar, Indonesia

Mar 2024 – Aug 2024

Chief Product Officer (CPO)

EduSensei is an edutech startup that uses Vtuber technology to deliver interactive learning content through virtual characters. In 2023, it received funding under the P2MW program in the Digital Business category.

- Led product vision and development for EduSensei, an educational Vtuber platform focused on engaging animated content.
- Integrated Vtuber technologies to enhance interactivity and engagement.
- Ensured alignment with educational goals while maintaining an entertaining and accessible experience.

Google Developer Student Club (GDSC) – Makassar, Indonesia

Aug 2022 – Present

Member

GDSCs provide opportunities for students to learn about Google's developer technologies, collaborate on projects, attend workshops, and connect with industry professionals, fostering a community of tech enthusiasts on campus.

- Took on a participatory role within the GDSC, contributing to collaborative projects, workshops, and events.

Coder Institute UNHAS – Makassar, Indonesia

Aug 2022 – Dec 2023

Member and Organizer

Coder Institute is a student club focused on mobile app development, UI/UX design, website creation, and IoT. It provides a platform for enthusiasts to collaborate, learn, and innovate together through workshops, hackathons, and projects.

- Responsible for planning, organizing, and executing website division's projects and events.

Skills, Achievements & Other Experience

- **Achievements** (2024): Representative of Universitas Hasanuddin for the Data Mining Division in GEMASTIK XVII.
- **Achievements** (2024): Selected as National Team for P2MW Funding.
- **Modules Taken** (2025): Bachelor Thesis – Developed an anomaly detection system for vehicle sensor parameters to identify faulty conditions using Isolation Forest, with model explainability via SHAP, and deployed an interactive visualization dashboard using Streamlit.
- **Modules Taken** (2024): Social Network Analysis - Conducted sentiment analysis on e-commerce discussions on social media X, combined with social network structure analysis to examine interaction patterns and information flow.
- **Modules Taken** (2024): Specific Topics in Data Mining - Studied advanced data mining methods for pattern discovery, classification, and clustering.
- **Modules Taken** (2024): Data Analysis - Implemented stock market prediction by performing data preprocessing, visualization, and machine learning-based forecasting.
- **Modules Taken** (2024): Big Data – Learned large scale data processing and analytics using distributed frameworks such as Hadoop and Apache Spark.