



ABDUL RAHMAN NUR FALIH

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Bekasi / Jawa Barat

I am an active Industrial Engineering student at Universitas Singaperbangsa Karawang with strong interests in design, data analytics, and technology integration. I have hands-on experience in graphic and UI/UX design, including designing user interfaces for mobile games and a financial management application that won 2nd place in a national competition. I am skilled in managing organizational social media, creating digital content, and producing visual materials for effective communication. Additionally, I have experience in data processing and predictive modeling using machine learning. Highly motivated and adaptable, I strive to deliver impactful, efficient, and creative results in every project I undertake.

EXPERIENCE WORK/ORGANIZATION

SILON (Online Information System for Legislative Election) -Bekasi

Data Entry Operator

- Entered and verified supporter data for DPRD candidates into the SILON system with high accuracy and confidentiality.
- Managed and organized digital records to ensure data consistency, security, and accessibility.
- Conducted data validation and updates to maintain the integrity of the supporter database
- Archived and categorized official documents related to supporter verification and submission.

Dec 2022- Jan 2023

Badan Legislatif Mahasiswa -Fakultas Teknik Universitas Singaperbangsa Karawang

Biro Medkominfo

- Managed internal and external communication channels of the student organization.
- Designed and managed social media content for the Faculty's Student Legislative Body to enhance engagement and public visibility
- Managed and developed the official social media accounts of the Student Legislative School to strengthen communication with the student community.
- Handled correspondence and official documentation between BLM and the Faculty Administration, including facility requests and event permits.
- Created and distributed information materials about BLM activities and programs to all engineering students

Apr 2024-Jan 2025

ACHIEVEMENTS & ACADEMIC PROJECTS

2nd Place – Singaperbangsa Competition Series

(National Scientific Writing Competition)

2025

- Achieved 2nd place in a national-level scientific writing competition involving approximately 50 student teams from universities across Indonesia.
- Developed the UI/UX design of the FORCASSELL application prototype using Figma, focusing on user-centered design principles and intuitive interface layout.
- Designed and presented a research paper titled "Digital Transformation of Sales through FORCASSELL Application for Optimizing Sustainable Business Strategies
- Proposed a digital innovation concept focusing on sustainable business practices and technology integration.

Boowash Paper Soap Project

2024

- Designed an innovative and eco-friendly paper soap product named Boowash as part of a product development project.
- Applied Quality Function Deployment (QFD) to translate customer needs into product design specifications
- Conducted Design for Environment (DFE) analysis to ensure sustainability in material selection and production process
- Implemented Design for Manufacturing (DFM) to optimize production efficiency and material usage

Data Analytics and Machine Learning - Car Price Prediction Project

2024

- Utilized Python and libraries such as Pandas, NumPy, Matplotlib, and Scikit-learn for data processing, visualization, and modeling.
- Processed and combined over 3,000 automotive data entries into a single analytical dataset for exploratory and predictive modeling
- Built and compared multiple machine learning models including Polynomial Regression, Multiple Linear Regression, Decision Tree, Random Forest Regressor, and Logistic Regression
- Evaluated model performance using MSE, RMSE, and R² score, with Random Forest Regressor achieving the best predictive accuracy

EDUCATION

Singaperbangsa University Karawang -Jalan H.S. Ronggowaluyo – Kecamatan Teluk Jambe Karawang

41361 West Java Indonesia

Sept 2023 - Present

Bachelor, 3.70/4.00

SMA Negeri 1 Cibarusah -Jalan H.S. Ronggowaluyo – Kecamatan Teluk Jambe Karawang 41361 West Java Indonesia

2020 – 2023

SKILLS

Technical Skill

- Data Analytics & Machine Learning : Python (Pandas, NumPy, Scikit-learn), Excel (data processing & visualization)
- Design & Engineering Tools : SolidWorks, AutoCAD, Figma, Photoshop
- Documentation & Office Software : Microsoft Word (report writing & formatting), PowerPoint (presentation design)
- Typing & Data Entry : Fast and accurate typing (10-finger touch typing)

Language Proficiency

- Bahasa indonesia (Native)
- English Intermediate (Able to understand technical communication; limited working proficiency in speaking)