

Khalil Zufar

Jakarta, Indonesia | +6285899561556 | khalilzufar1@gmail.com | [LinkedIn](#) | [Github/Portfolio](#)

SUMMARY

Graduated from Mercu Buana University with a degree in Information Systems. I have gained experience in Full-Stack Development and Data Science through academic projects and a Web Developer internship at PT. Telkom Indonesia, where I developed internal data dashboards. I am proficient in building responsive web applications using PHP, HTML/CSS, and Python, and I specialize in bridging the gap between software engineering and data insights using SQL and Docker.

EDUCATION

Hacktiv8

Full Stack Data Science. Score: 90.11% ([Transcript](#))

Jakarta, Indonesia

August 2024 – October 2024

Mercu Buana University

Bachelor of Information Systems (GPA 3.63/4.00)

Jakarta, Indonesia

2020– 2024

WORK EXPERIENCE

PT. Telkom Indonesia

Web Developer Intern

Jakarta, Indonesia

March 2023 – June 2023

- Developed an internal dashboard for the company, streamlining data visualization and reporting processes for various departments.
- Implemented responsive design techniques to ensure the dashboard was accessible on various devices.
- Collaborated with cross-functional teams to gather requirements and ensure the dashboard met user needs.

SKILLS

General Skills: Exploratory Data Analysis, Data Visualization, Machine Learning, Time Series Analysis.

Programming Language: Python, SQL, PHP, HTML/CSS.

Visualization Tools: Tableau, Kibana.

Tools: Docker, Apache Airflow, PostgreSQL, ElasticSearch.

Techniques: NLP, Computer Vision, Time Series Analysis, Forecasting.

Modeling Algorithms: Regression, Random Forest, Decision Trees, Neural Networks, Clustering, and Dimensionality Reduction.

Others: Google BigQuery, Hugging Face, Mlflow

Soft Skills: Critical Thinking, Attention to Detail, Collaboration, Problem Solving

PROJECTS

[Chat Assistant using Multi Modal AI](#)

October 2024

Develop an AI-powered chatbot designed to enhance the online shopping experience. It provides personalized product recommendations, real-time support, and insights, fostering customer loyalty and reducing churn.

Technology / Tools: Python, Pandas, NumPy, Seaborn, Matplotlib, Scikit-Learn, Elasticsearch

[Mammogram Tumor Detection \[Deploy\]](#)

October 2024

Developed a Computer Vision model to detect signs of tumors in mammograms, aiding in early breast cancer detection. The project included data exploration, cleaning, modeling, and evaluation. A demo deployment is available on Hugging Face, allowing users to upload mammogram images and receive risk predictions.

Technology / Tools: Python, TensorFlow, Pandas, Seaborn, Matplotlib, Streamlit, Hugging Face.

Pulau Pari Tourism Demand Forecasting

September 2024

Developed a time series forecasting model to predict the popularity of Pulau Pari tourism for the next year using weekly Google Trends data. The dataset includes weekly dates and popularity levels (0-100). Utilized ARIMA and SARIMA models to provide insights supporting marketing strategies to enhance the destination's appeal.

Technology / Tools: Python, Pandas, Numpy, Scikit-Learn, Statsmodels, Seaborn, Matplotlib.

Customer Segmentation Analysis

September 2024

Analyzed credit card transaction data from the past six months to segment customers based on purchasing behavior and demographics. Used KMeans clustering to provide insights, helping businesses tailor marketing strategies to improve customer retention and satisfaction.

Technology / Tools: Python, Pandas, Seaborn, Matplotlib, Scikit-Learn.

Heart Disease Prediction Model [Deploy]

September 2024

Created a model to identify individuals at risk of heart disease using medical data. It involved data exploration, cleaning, and modeling with techniques like KNeighborsClassifier, RandomForestClassifier, etc., to guide preventive care.

Technology / Tools: Python, Numpy, Pandas, Seaborn, Matplotlib, Scikit-Learn, Streamlit, Hugging Face.

Video Games Sales Analysis

August 2024

Analyzed video game sales data to find trends and improve marketing for weaker regions and genres. Used data cleaning, EDA, and Tableau for clear visualizations.

Technology / Tools: Python, Pandas, Tableau, Matplotlib, Seaborn.

CERTIFICATIONS

Coursera

Google Data Analytics by Google on Coursera

Certificate: [Google Data Analytics](#)

Issued on August 2023

No expiration date

HackerRank

Python (Basic)

Certificate: [HackerRank Python](#)

Issued on November 2024

No expiration date

HackerRank

SQL (Basic)

Certificate: [HackerRank SQL](#)

Issued on January 2025

No expiration date

HackerRank

SQL (Intermediate)

Certificate: [HackerRank SQL](#)

Issued on January 2025

No expiration date