

# MUHAMMAD RAFII

[Muhammad Rafii | LinkedIn](#)  
[Kirztle](#) | [Instagram](#)

Email: [zmret13@gmail.com](mailto:zmret13@gmail.com)

Phone/WA: [+62 815 1027 3784](tel:+6281510273784)

I am a dedicated and results-driven Computer Science graduate with a strong passion for web development, aiming to build a career as a Full-Stack Web Developer. I have hands-on experience in both frontend and backend development, with expertise in technologies such as React, Node.js, HTML, CSS, and databases like MySQL and Microsoft SQL Server. My background also includes building interactive data visualizations and machine learning models, which have strengthened my problem-solving and analytical skills.

---

## EDUCATION

### Gunadarma University

Bachelor of Computer Science; GPA: 3.37/4.00

Jakarta, Indonesia

September 2019 – August 2023

### SMA Negeri 9 Kota Bogor

Mathematics and Natural Sciences (MIPA)

Bogor City, Indonesia

July 2016 – July 2019

---

## SKILL SUMMARY

- **Language:** C#, HTML, javascript, CSS, Python
- **Tools:** Microsoft Environment (Excel, PowerBI, Word, PowerPoint, Sharepoint, Outlook), SAP 100 & 180, Jupyter Notebook Google Colab, Visual Studio Code, XAMPP.
- **Softskill:** Data management & Organizing, Task Reporting, Analytical Thinking, Professional Ethics
- **Frontend Framework:** React, Vue.js, Angular, Next.js
- **Backend Framework:** Node.js, Laravel, Django, Flask
- **Database Management System:** MySQL, Microsoft SQL Server, SQLite
- **Machine Learning Libraries:** Pandas, Numpy, Matplotlib, Seaborn, Plotly, Scikit-learn, TensorFlow, Keras.

---

## WORK EXPERIENCE

### PT. Pertamina Hulu Energi

#### Human Capital Information System (HCIS) Intern

Jakarta, Indonesia

November 2023 – October 2024

- Developed interactive data visualizations using Power BI to analyze a contract worker data model, providing in-depth insights into performance, turnover, and other key metrics.
- Developing a Standard Operating Procedure (SOP) for operations within Pertamina Hulu Energi.
- Create a broadcast banner to announce the new SOP and send it out via email to all employees.
- Create a broadcast for Common Leave and National Holiday.

### PT. Lintas Media Danawa

#### AI Engineer Intern

Jakarta, Indonesia

September 2023 – October 2023

- Creating an auto learning chatbot Using Python

---

## FINISHED PROJECTS

### Developed Officer Contract Dashboard at All Pertamina Hulu Energi Regionals.

Tools: Power BI, Python, Power Query

Data: .(xlsx)

### Developing a Dashboard for the Activity Traffic of an Internal Employee Application Across All Regions of Pertamina Hulu Energi.

Tools: Power BI, Excel, Power Query

Data: .(xlsx)

### Designing an Internal Broadcast System & Public Holiday at Pertamina Hulu Energi.

Tools: Canva, Microsoft Power Point

### Designing workflow for the use of an application at Pertamina Hulu Energi.

Tools: Canva, Visio, Figma, Microsoft Word

### Campus Project

#### Thesis - Classification of Meat Freshness

- Developed a machine learning model using Artificial Neural Networks (ANN) to classify beef as fresh or spoiled.

- Employed a Kaggle dataset with 1,996 instances of fresh and spoiled beef as reference data and used personal camera images for real-case application.
- Achieved a best classification accuracy of 97% in determining the freshness of beef.
- Utilized **Python** for developing the model and performing data analysis.
- **Tools:** Jupyter Notebook
- **Library:** NumPy, Seaborn, Matplotlib, Sklearn, XGBoost, LightGBM, CatBoost, TensorFlow, and Keras.
- Demonstrated strong skills in data preprocessing, feature engineering, and building complex models using a wide range of machine learning libraries.

### Scientific Research - Web-Based Fanpage

- Designed and developed a fanpage website featuring artist biography, event listings, merchandise store, and music gallery.
- Integrated event information section with external links for ticket purchases, allowing visitors to easily access upcoming events and buy tickets.
- Developed a merchandise store where fans can browse and purchase official artist products.
- Created an interactive music gallery, enabling fans to listen to and explore the artist's music collection.
- Utilized HTML, CSS, and JavaScript to build a responsive, user-friendly interface with smooth navigation and interactive features.
- Focused on creating a seamless experience for fans, enhancing engagement with artist-related content and providing easy access to essential fan services.

---

### SERTIFICATES

- Desktop-Based Programming Fundamentals
- Microsoft Dynamics NAV for Beginners
- Visual Basic.NET for Beginners
- Visual Basic.NET for Intermediate
- Introduction to C/SIDE
- Programming in Microsoft Dynamics NAV
- Building Websites Using HTML 5
- Data Science Course