

# Frederick Alexander Badaruddin

[081369112198](tel:081369112198) | [frederickchang75@gmail.com](mailto:frederickchang75@gmail.com) | [LinkedIn](#)  
[Github](#) | [Portfolio](#) | Tangerang Selatan, Indonesia

## About Me

---

I am a **Software Engineer** with a background in **Informatics Engineering** from **Multimedia Nusantara University**. Currently, I'm working under **PT Timur Usaha Mandiri**, where I am placed at **PT Makmur Supra Nusantara** to collaborate with their team on **web application development**. I specialize in **full-stack development**, utilizing **PHP (MVC)**, **Laravel**, and **Vue.js** to create both frontend and backend solutions for clients in the **education and corporate sectors**.

With a passion for continuous learning, I bring expertise in building scalable, user-friendly applications, **enhancing digital workflows, and improving client satisfaction**. My business management background allows me to blend technical skills with strategic problem-solving, helping teams achieve operational efficiency.

## Working Experiences

---

### Software Engineer, PT Timur Usaha Mandiri

November, 2024 – Present

- Designing website using **ReactJs** and **Laravel** for an e-commerce platform.
- Designing and developing **sitemaps** and **flowcharts** to support the system development process.
- Developed an integrated **e-commerce** solution, implementing **AHP** and **SAW** algorithm as recommendation systems.
- Integrating **blockchain smart contracts** for wallet and file storage.

### Fullstack Web Developer Intern, Universitas Multimedia Nusantara

August, 2023 – January, 2024

- Designing website using **ReactJs** and **Laravel** for an e-commerce platform.
- Designing and developing **sitemaps** and **flowcharts** to support the system development process.
- Developed an integrated **e-commerce** solution, implementing **AHP** and **SAW** algorithm as recommendation systems.
- Integrating **blockchain smart contracts** for wallet and file storage.

### Assistant Laboratory, Universitas Multimedia Nusantara

January, 2024 – June, 2024

- Tutored 30+ students in the Introduction to Internet Technology course, resulting in a 20% improvement in average grade.
- Taught website development using **HTML**, **CSS**, and **JavaScript**, helping students build 15+ fully functional website.
- Provided guidance on building web applications with **ReactJs**, enabling students to complete 10+ projects, with 90% of students demonstrating proficiency in **Reactjs** by the end of the course.

### Assistant Head of Branch, PT Sriwijaya Artha Boga

October, 2019 – March, 2024

- Led **business strategies** that boosted revenue by 10% and expanded market presence.
- Managed **branch operations** with a 98% inventory accuracy rate and 100% regulatory compliance.
- Oversaw **branch finances**, including managing a budget, and optimizing cash flow to support operational and strategic goals.

## Projects Experiences

---

### [Laut Lestari](#)

August, 2024

- A Community Marketplace website for exploring, buying, also to learn more about diverse range of exotic and decorative fish. Made using **Next.Js** with **Typescript** as the Frontend, using **Flask** with **Python** as the Backend, **Mysql** to manage the database.

### Halalku E-commerce

August, 2023

- An E-commerce recommendation website to find tourism destinations and food with halal-certified options. Made using **React.Js** with **Javascript** as the Frontend, using **Laravel** with **PHP** as the backend, **Mysql** to manage the databases.

## Education

---

### Universitas Multimedia Nusantara

August, 2019 – July, 2024

GPA: 3.18

Informatics Engineering

- During my time at Universitas Multimedia Nusantara, I gained a solid foundation in software engineering and machine learning, focusing on both theoretical and practical aspects of informatics. My thesis, titled *Klasifikasi Kesegaran Daging Menggunakan Convolutional Neural Network*, involved developing a **machine learning** model using CNN to classify the freshness of meat based on image data. This project enhanced my skills in **deep learning**, **image processing**, and **Python** programming, further equipping me with the knowledge to tackle real-world problems using AI-driven solutions.

RevoU

January, 2024 – August, 2024

Full Stack Software Engineering

- Gained expertise in frontend technologies including **HTML**, **CSS (Grid, Flexbox)**, **JavaScript**, **TypeScript**, and **React** for building responsive web applications.
- Developed proficiency in backend development with **Python** and **Flask**, implementing CRUD operations and integrating databases using **SQLAlchemy**.
- Experienced in deploying full-stack applications, optimizing performance, and applying **unit testing** techniques to ensure quality.

Organization Experiences

Fund Manager - Starlight UMN

March, 2020 – December, 2020

- Led **fundraising** efforts, raising IDR 50 million, exceeding targets by 20%.
- Developed **promotional strategies**, increasing event ticket sales by 30% compared to the previous year.

Co-Founder - Bango Tribe

January, 2022 – Present

- Spearheaded fitness programs, increasing community membership by 150% within the first year.
- Established partnerships with local gyms, boosting event participation by 50%.

Technical Skills

- **Programming Languages:** Next.js, Javascript, Typescript, Python, Flask, C#
- **Technologies:** HTML, CSS, Tailwind CSS, MySQL, SQLAlchemy, Figma, CI, TensorFlow
- **Others:** Machine Learning, Deep Learning, Blockchain, Team Collaboration, Problem-Solving, Communication, Adaptability, Leadership

Certification:

- |  |                |
|--|----------------|
| 1. <a href="#">Information Technology Specialist (HTML &amp; CSS). Pearson</a>             | February, 2024 |
| 2. <a href="#">TOEIC. ETS</a>  | December, 2023 |
| 3. <a href="#">RevoU Full Stack Software Engineering Certificate of Achievement. Revou</a> | August, 2024   |
| 4. <a href="#">Python Developer. Solo Learn</a>  | October, 2024  |