# Get to know me!

# Alfin Gusti Alamsyah

- **Software Developer** with 4+ years of experience
- Founder of **subscription-based POS app** (currently used by 4 companies in Indonesia)
- Have done **20+ projects internationally** and **locally**
- Held **10+ certifications**
- Published **2 tech-related paper** in accredited journal
- **Best Graduate** of Bangkit Academy 2024 by Google, GoTo, Traveloka & FST UKMC 2025

Name:
**Alfin Gusti Alamsyah, S.Kom.**

# Hello, I'm
# Alfin Gusti Alamsyah!



## Introduction

I'm a software developer with a strong focus on **web development** and a growing expertise in **machine learning**.

I've earned multiple **national** and **international certifications**, and have been involved in various projects both individually and in teams, serving clients **locally** and **internationally**.

Beyond development, I'm also an **entrepreneur in the tech space**, building digital solutions through a subscription-based model.

# My Education

I graduated from **Musi Charitas Catholic University**, where I began my studies in 2021 and completed my degree in just **7 semesters**, officially graduating in 2025.

With a **GPA of 3.95**, I was honored as the **best graduate** of the Faculty of Science & Technology.

For my thesis, I developed a **malicious JavaScript code detection application using machine learning**, building both the software and the ML model. It was published as an accredited paper and resulted in a Python library PyPI offered as a practical solution from my research.

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# List of My Certifications

To validate my expertise, I have earned several certifications, including:

**BNSP Programming and Software Development**

Issued by: *Badan Nasional Sertifikasi Profesi, Indonesia*

**Web Developer**

Issued by: *Digital Talent, Ministry of Communication and Digital Affairs, Indonesia*

**Machine Learning Specialization**

Issued by: *Stanford University, DeepLearning.AI*

and **10+ other certifications**, which can be viewed in detail on my LinkedIn.

# My Experience

### Aflinxh: Feb 2024 - now

My own business focuses on delivering digital solutions, (websites & digital products), for both individual clients and businesses. Currently serving four companies with subscriptions to my SaaS application, as well as providing digital product solutions for two other companies.

**Web Developer, Graphic Designer**

### Indobot Academy: Jul - Dec 2024

I served as a trainer for practitioners and students preparing for the BNSP JWD certification exam, teaching PHP, MySQL, HTML, CSS, JavaScript, and other tools.

**Trainer of BNSP Junior Web Developer Certifications**

### Universitas Katolik Musi Charitas: Oct 2022 - Jun 2024

I have served as a teaching assistant for courses such as Multimedia, Java Programming, and Human-Computer Interaction, and have also worked as a Master of Ceremonies for campus events.

**Teaching Assistant, Master of Ceremony**

# My Expertise

I am a **full-stack developer**, skilled in both **frontend** and **backend** development. My main programming languages are TypeScript, Go, Python, and PHP.

Below is a detailed list of tools I am proficient with:

## Frontend
**Next.js, React.js, Livewire Volt, TailwindCSS, Bootstrap**

## Backend
**Gin, Express.js, Node.js, Laravel, Flask, Remix**

## Database
**PostgreSQL, MySQL, MongoDB**

## DevOps
**Git, Docker, GitHub Actions, Ubuntu Server Management**

## Machine Learning
**Scikit-Learn, TensorFlow, PyTorch, OpenCV**

# My Projects

I have developed a wide range of projects, including **SaaS** platforms, **landing pages** with integrated CMS, **machine learning** applications, and several **mobile apps**, covering both frontend and backend development.

## Software as a Service

**pos.aflinxh.site, custom shopify app, UVCE, obe.informatika-ukmc.my.id, unramspkjurnal.com**

SaaS apps built for companies and universities in Indonesia to address their specific organizational and institutional needs

## Landing Page & CMS

**warnawarniwallpaper.com, arisdoyan.com**

These landing page apps were developed for an interior company and a professor in Indonesia, both of whom needed to build their own personal websites with SEO optimization.

## Machine Learning Apps

**Qanfas - Malicious Code Detection App, Movie Sentiment App, FeeSight - Financial Management App**

ML apps developed across various domains, including cybersecurity, sentiment analysis, and financial management.
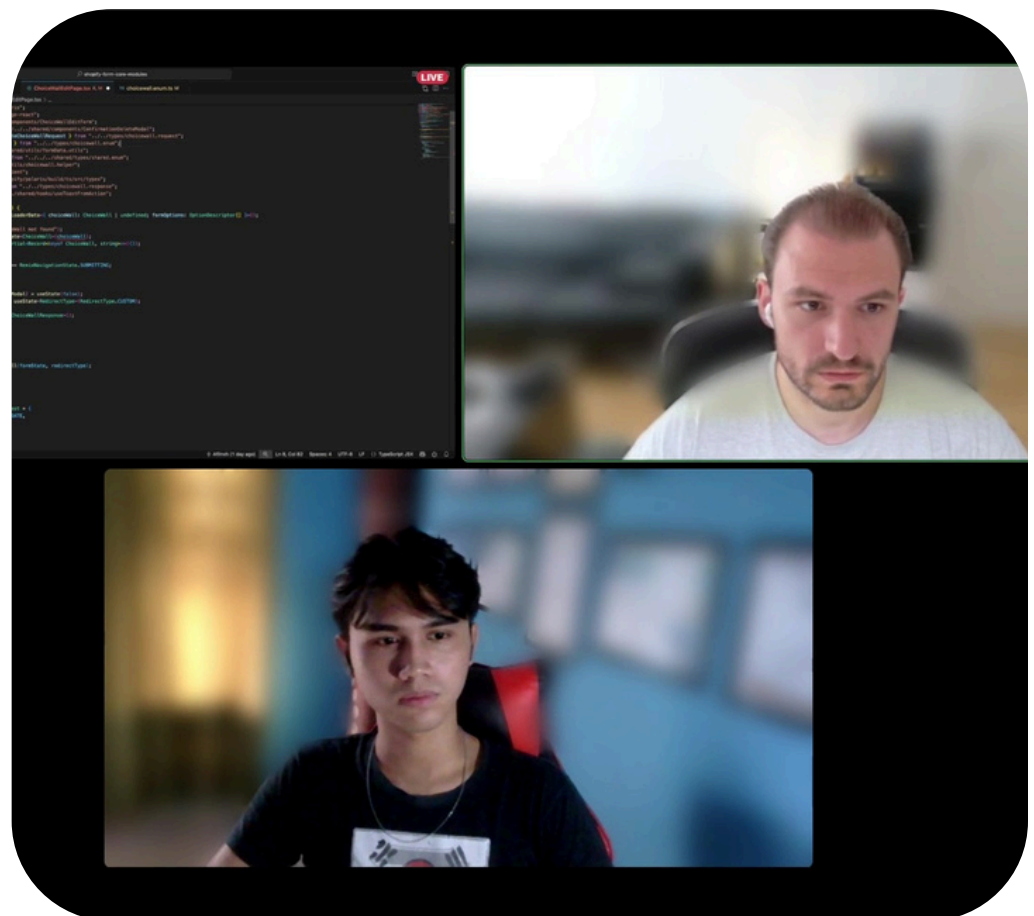
# My Highlights #1

## Medform & Formgate - Custom Shopify App - Austria:

I had the opportunity to work on an **international project** in collaboration with a developer from **Vienna, Austria**, building a **legal medicine e-commerce application** tailored to the Austrian market. The platform was developed using *Shopify, Remix,* and *React* for a dynamic frontend experience, with *PostgreSQL* as the database. We maintained clean workflows using *Git* for version control and *Docker* for containerization and deployment.

**My main responsibility** was to develop and implement **core modules** based on detailed planning and discussion sessions, such as: medical questionnaire, form submission, doctor review & signature, prescription automation, and multi-pharmacy support.
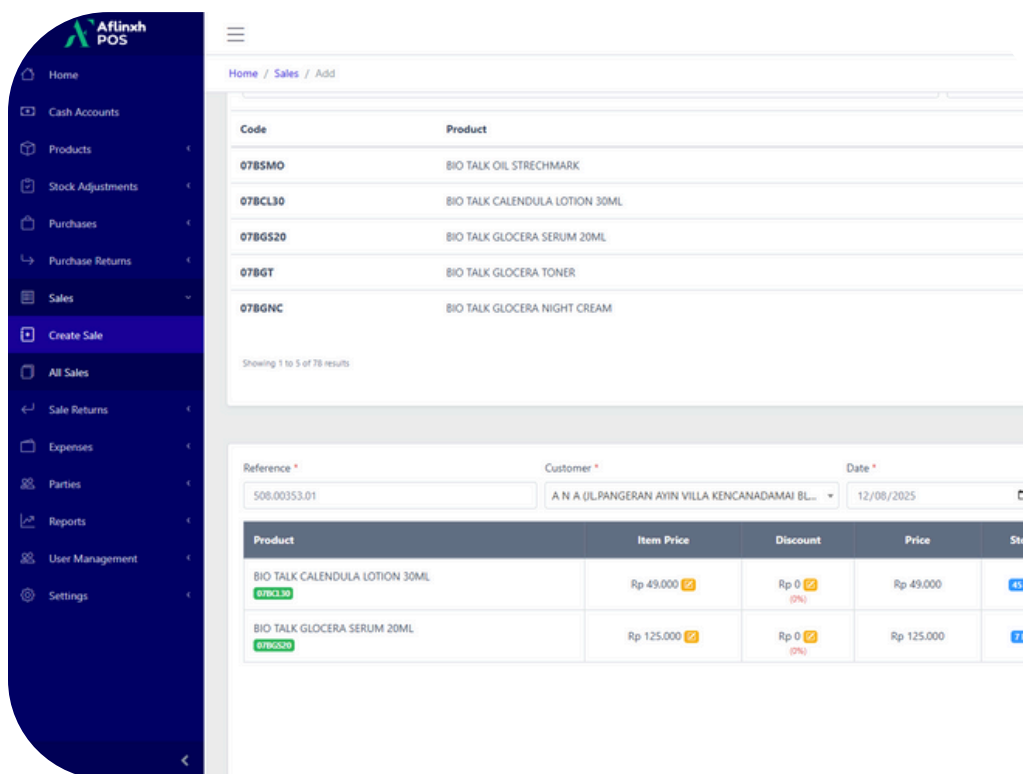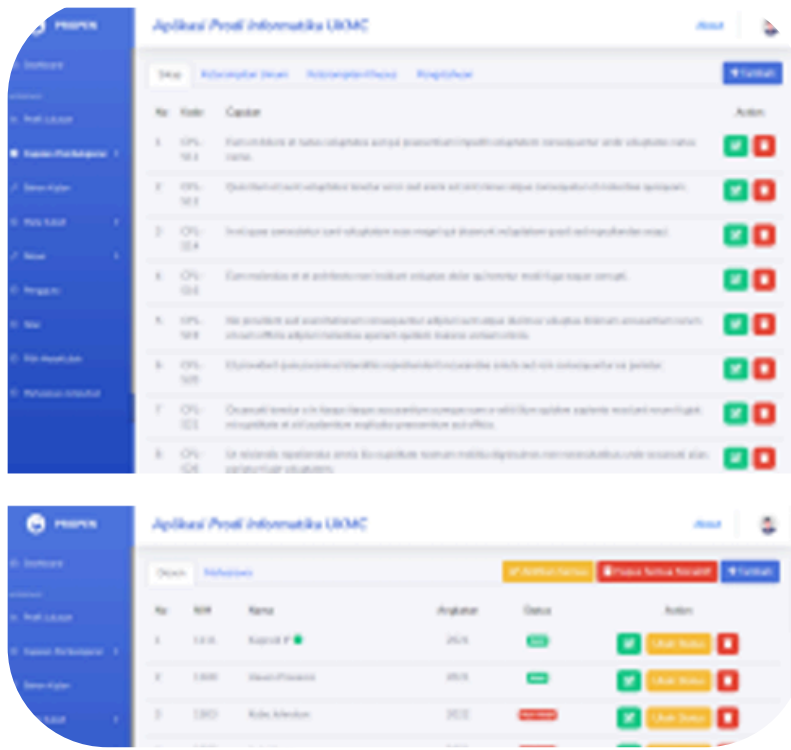
# My Highlights #2

## Aflinxh POS - My Point of Sales subscription-based app

I developed a **subscription-based Point of Sales** (POS) application that is currently used by **four companies** in Indonesia. The application is specifically designed to meet **custom business needs**, implementing **Role-Based Access Control (RBAC)** with multi-role and **granular permission** settings.  I maintain complete control over the application, including daily backups, full server management, and regular maintenance to ensure reliability, security, and optimal performance.



The project began during my early university years as a freelance assignment to create an accounting application for accounting students as part of their final project. Over time, it evolved into a fully functional solution for real-world industries.
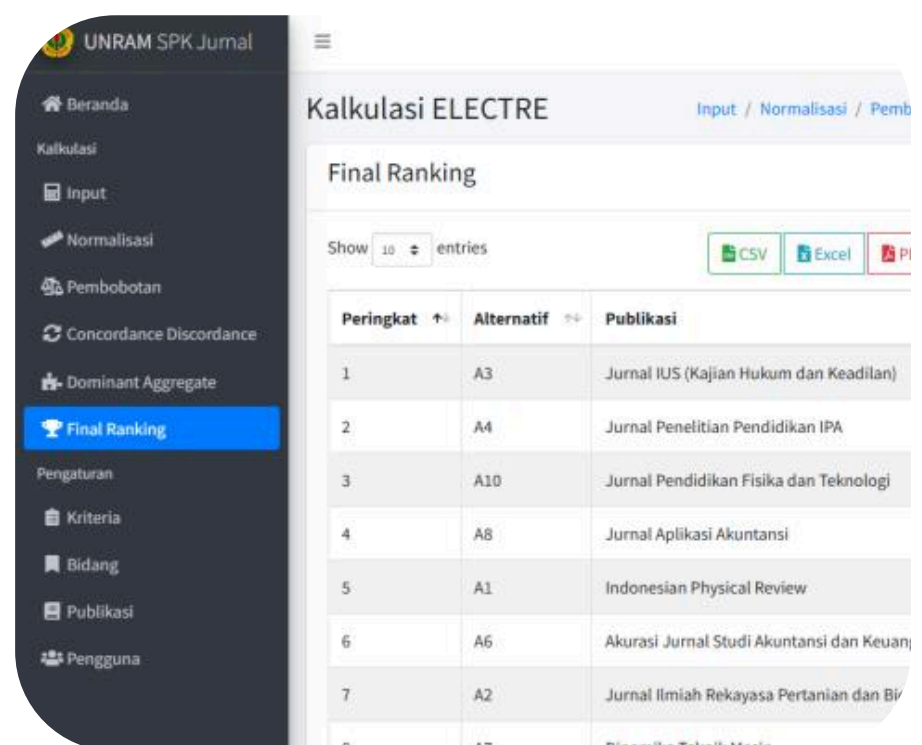
# My Highlights #3



**OBE Curriculum Management -** A web-based system for **Musi Charitas Catholic University** to manage and track **Outcome-Based Education** (OBE) curricula, ensuring compliance with OBE standards and simplifying curriculum planning and evaluation.

**Journal Publication DSS -** A decision support system for the **University of Mataram** library to select optimal **journal publications**. It uses ROC for weighting criteria (citations, frequency, review time, fees) and ELECTRE for ranking, enabling data-driven academic resource decisions.



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# How do I code?

I write software with the mindset that **good code is an investment, not an expense**. My development approach follows proven **best practices** such as **Clean Code**, **Domain-Driven Design** (DDD), **Don't Repeat Yourself** (DRY), and **Separation of Concerns** (SoC), ensuring every feature is modular, reusable, and maintainable. I typically follow a flow of Routes → Controllers → Services (access, query, and command) → Repositories, which helps keep logic clean and scalable, while adapting the structure when project requirements call for different approaches.

I adopt a **test-first mindset**, implementing **unit tests** and **mock tests for every service**, aiming for near or full 100% coverage, backed by **integration tests** across isolated environments (test, development, staging, production). I use **dependency injection** (e.g., Google Wire in Go) for loose coupling, and **Unit of Work** to manage transactions in tightly scoped, isolated contexts.

In certain cases, I also apply **specific design paradigms** such as the **Strategy pattern** or other tailored architectural approaches to solve complex or evolving business requirements efficiently. These principles have consistently allowed me to deliver applications that are robust, scalable, and production-ready, whether for startups or enterprise-level clients, reducing bugs, easing future development, and ensuring the system remains reliable under real-world demands.

"I know I will make it,
and always will!"

I am someone who constantly thinks about the future,
not out of fear, but as a reminder that growth never
stops. That is why I keep learning, improving, and
challenging myself with every project I take on. For me,
every step forward, no matter how small, is a step closer
to the future I envision.

# Let's Connect!

I'm always open to meaningful conversations, collaborations, or simply connecting with like-minded professionals in tech and beyond. If my journey or work resonates with you, feel free to reach out!

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