

# ARVA ZAKI FANADZAN

## JUNIOR BACKEND DEVELOPER

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I am an Informatics Engineering student currently pursuing my studies at the Electronic Engineering Polytechnic Institute of Surabaya. My primary interests lie in the field of information technology, particularly in understanding and applying cutting-edge concepts in the ever-evolving world of technology. My passion for this field reflects my commitment to staying informed and engaged with the latest advancements and innovations.

### SKILLS

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|--------------|----------------|--------------|
| • NESTJS     | • LARAVEL      | • MYSQL      |
| • PHP        | • EXPRESS JS   | • POSTGRESQL |
| • JAVASCRIPT | • TAILWIND CSS |              |
| • TYPESCRIPT | • BOOTSTRAP    |              |

### PROFESSIONAL EXPERIENCES

#### FULLSTACK WEB DEVELOPER - KOKITINDO

FEBRUARY 2025 - NOW

- Create a digital attendance feature to make it easier to record student and teacher attendance automatically.
- Integrating the system with WhatsApp Gateway to send notifications to parents regarding student attendance.
- Develop and improve the performance of the school website, including optimizing the UI/UX to make it more responsive and user-friendly.

#### HEAD OF DEPARTMENT BACKEND DEVELOPER - NUSAJAR

JULY 2024 - JANUARY 2025

- Database and System Design: I am responsible for designing the database and system architecture used for the UTBK tryout application, ensuring scalability and efficient data management.
- UTBK Tryout Application Development (Laravel): In 2024, I developed the UTBK tryout application using the Laravel framework, implementing features to meet the needs of the platform.
- Migration to Go Language (Gin Framework): In 2025, I transitioned the application to Go language using the Gin framework, focusing on optimizing performance and scalability.
- Department Leadership: As the Head of Department, I oversee and guide my team, monitoring their progress and facilitating their tasks to ensure that job responsibilities are completed efficiently.
- Team Support and Coordination: I provide support and coordination for my staff, offering assistance and solutions to challenges they encounter in their assignments.

#### BACKEND DEVELOPER - AFEKSI.IDN

APRIL - JULY 2024

- Refactor Website Logic Code: I am responsible for improving and optimizing the existing logic code on the website, so that the code becomes more efficient, easier to understand and manage.
- Midtrans Payment Gateway Integration: I will integrate the Midtrans payment system into the website, ensuring that the transaction process runs smoothly and safely for users.
- Addition of Website Features: I will add new features to the website according to needs and requests, aiming to improve user experience and website functionality.

- **Transform Static Website to Dynamic:** I am responsible for converting a previously static website into a fully dynamic platform, ensuring improved functionality and interactivity for users.
- **Frontend Revamp:** I will redesign and rebuild the entire frontend of the website, focusing on enhancing visual appeal, responsiveness, and user experience across various devices.
- **Development Using Laravel Framework:** I utilize the Laravel framework to develop the website, ensuring adherence to modern development practices, efficient code management, and seamless integration of features.
- **Optimization for User Engagement:** I focus on implementing features and functionalities that improve user engagement, aiming to make the website more interactive and user-friendly.

## PROJECT EXPERIENCES

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- **Software engineering vocational school final project “Extracurricular System Information Website”**

The "Extracurricular System Information Website" is a comprehensive platform developed as part of my final project in software engineering. Built using the Laravel framework, this website is designed to streamline the registration process for various extracurricular activities at the school. It offers an intuitive interface for students to explore, register, and track their participation in different activities.

Additionally, the platform provides robust management tools for school administrators, enabling them to efficiently oversee, organize, and update extracurricular programs. By centralizing all activity-related information, the website enhances accessibility, organization, and overall management of extracurricular events, ensuring a smooth experience for both students and staff.

- **BEM chairman election website**

The BEM Chairman Election Website is a platform built using the Laravel framework to facilitate the election of organizational leaders through an online voting system. It features two main roles: voters and admins.

Voters, who are students, register using their campus email, verify it, upload a photo for identification, and cast their votes securely. Admins manage candidate profiles, validate voter registrations, and oversee the election process.

The platform aims to streamline the voting process, offering easy access and ensuring transparency through modern technology.

- **REST API cashier**

This cashier REST API project was built using the Laravel framework, which functions as a comprehensive recording system for managing goods and transactions in a store. By using Laravel, this project is able to provide various features for managing inventory, recording every sales transaction, and producing accurate financial reports. This system is designed to simplify the management of daily store operations, so that every process of recording incoming, outgoing goods and sales transactions can be carried out more efficiently and organized.

- **Vehicle Rental Management Website**

This website is designed to simplify and optimize vehicle rental operations by providing an integrated platform for managing data and monitoring processes. It enables efficient recording of vehicle details, customer bookings, and rental agreements, streamlining the entire workflow.

The platform also includes a built-in monitoring system, allowing managers to track vehicle availability, usage, and maintenance schedules in real-time. By automating key processes, the website enhances efficiency, reduces errors, and supports better decision-making for vehicle rental businesses.

- **Location-Based Subject Attendance and Reporting of Activities at school Website**

This website is an innovative digital solution designed to streamline attendance and activity reporting processes in educational institutions. This application leverages cutting-edge geolocation technology to ensure accuracy and reliability in tracking student attendance and reporting school-related events. With this system, students can mark their attendance only when they are physically present in a designated location, such as within the classroom or other approved school premises. This ensures authenticity and eliminates the possibility of fraudulent attendance reporting. Additionally, the application provides an efficient platform for students to report events and activities, allowing schools to maintain a comprehensive and well-organized record of all happenings within the institution. By integrating geolocation features and user-friendly functionality, this website aims to enhance accountability, simplify administrative tasks, and create a more transparent and efficient environment for both students and school staff.

## CERTIFICATIONS

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<b>SOFTWARE ENGINEERING COMPETENCY SKILL KKN1 LEVEL 2</b> BNSP	<b>MAY 2023 - MAY 2026</b>
<b>ALIBABA CLOUD CERTIFIED DEVELOPER</b> ALIBABA CLOUD	<b>OCTOBER 2023 - OCTOBER 2025</b>
<b>JAVASCRIPT PROGRAMMING</b> UDEMY - Programmer Zaman Now	<b>FEBRUARY 2023 - Now</b>
<b>PHP PROGRAMMING</b> UDEMY - Programmer Zaman Now	<b>APRIL 2024 - Now</b>
<b>BASIC STRUCTURED QUERY LANGUAGE (SQL)</b> DICODING	<b>SEPTEMBER 2023 - SEPTEMBER 2026</b>
<b>SOLID PROGRAMMING PRINCIPLES</b> DICODING	<b>FEBRUARY 2024 - FEBRUARY 2027</b>
<b>BASIC PROGRAMMING TO BECOME A SOFTWARE DEVELOPER</b> DICODING	<b>SEPTEMBER 2023 - SEPTEMBER 2026</b>
<b>BASIC PROJECT MANAGEMENT</b> DICODING	<b>AUGUST 2023 - AUGUST 2026</b>

## EDUCATION

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<b>Associate Degree of Informatics Engineering</b> Electronic Engineering Polytechnic Institute of Surabaya	<b>August 2023 - Now</b>
<b>Diploma of Software Engineering</b> SMK NEGERI 1 SURABAYA	<b>May 2020 - May 2023</b>