

Vini Jumatul Fitri

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SUMMARY

Information Systems graduate with hands-on experience in backend development and web-based system. Passionate about building scalable application and ensuring system efficiency through clean code and modern technology stacks. Strong in team collaboration and eager to learn new things and develop skills to support better technological advancements.

WORK EXPERIENCE

06/2024 – 08/2025	Software Engineer Placement KB Bank, <i>Mitramas Infosys Global</i>	Jakarta
	<ul style="list-style-type: none">• Developed and maintained the Bank Statement Analyzer (BSA) Tools using VBA to ensure accuracy and functionality.• Built web-based applications using java to support banking operations.• Collaborated with the QA team on System Integration Testing (SIT) to Next Generation Banking System (NGBS) migration.• Developed a Building Management System web application at Mitramas Infosys Global using Laravel, PostgreSQL, and Tailwind CSS.	
06/2023 – 08/2023	Backend Developer Intern, NUSANTECH	Padang
	<ul style="list-style-type: none">• Developed backend features using Express.js for a web application.• Optimized database queries to improve backend performance.• Conducted debugging and troubleshooting to enhance user experience.• Collaborated with development teams to deliver effective technical solutions.	
09/2021 – 02/2022	Development Engineer Intern, <i>PT FIRST WAP INTERNATIONAL</i>	Jakarta
	<ul style="list-style-type: none">• Developed unit test for the Short Message Service Center using the CMOCKA Framework to ensure code reliability• Conducted analysis of memory leaks, code coverage, and unit testing reports using SonarQube to enhance software quality.	

EDUCATION

2022 – 2024	Universitas Metamedia, <i>Bachelor of Information Systems (GPA 3.9/4.0)</i>	Padang
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2019 – 2022

Politeknik Negeri Padang,
Associate Degree Computer Engineering (GPA 3.8/4.0)

Padang

2016 – 2019

SMK Negeri 1 Batusangkar, *Computer Network Engineering*

SKILLS

Programming Languages

PHP, Java, JavaScript, SQL

Frontend & Web Development

HTML, CSS, Responsive Design

Testing & Quality Assurance

- API Testing (Postman, Swagger)
- Integration Testing, Unit Testing, Manual Testing

Frameworks & Libraries

- **Backend:** Laravel, Spring Boot
- **Frontend:** Vue.js, React.js, Bootstrap, Tailwind CSS
- **Testing:** PHPUnit, JUnit
- **Tools:** Filament (Admin Panel)

Database & Data Tools

MySQL, PostgreSQL, SQLite, H2, DBeaver

Tools & Platforms

Git, Linux, Docker

PROJECT

Building Management System

- Developed a Laravel-based Building Management System to support tenant and facility management in office environments.
- Features include role-based access (admin, penyewa, and customer), room/user management, service requests, and a dashboard for monitoring building operations.
- Technologies used: PHP (Laravel 10), PostgreSQL, Tailwind CSS, Laravel Breeze, Filament

BSA Tools Application Project

- Developed an application to inspect and analyze financial transactions from bank statements.
- Maintained the application by fixing errors and adding new bank statement formats as needed.
- Technologies used: VBA, R, dan Microsoft Excel.

TBM Swamitra Data Master Application Project

- Developed an application to streamline the migration process of Data Master SWAMITRA from the current system (as-is) to the new system (to-be).
- Technologies used: Java Spring MVC, Apache Tomcat, Bootstrap, and SQL Server.

Final Project: Academic Website Based on Laravel 10

- Developed a Laravel 10-based academic website to promote a pesantren and manage student data. Feature include an admin dashboard, visitor dashboard, PPDB (student enrollment) system, and progress monitoring for parents and class supervisor
- Technologies used: PHP (Laravel 10), MySQL, Laravel Breeze, PHPUnit, Swagger

M2jannah - Umrah and Hajj Tour & Travel Application

- Developed M2jannah, a Laravel-based application that allows users to book Umrah and Hajj travel packages. Features include booking management, online payment integration, and travel inventory management (Hotel, flight tickets, visa, and transportation).
- Technologies used: PHP(Laravel 10), MySQL, Laravel Breeze

Study Program Selection Optimization - Universitas Metamedia

- Developed a web-based Decision Support System (DSS) to help prospective students choose the most suitable study program at Universitas Metamedia. The system applies AHP (Analytical Hierarchy Process) and TOPSIS (Technique for Order of Preference by Similarity to Ideal Solution) methods to provide recommendations based on predefined criteria.

- Technologies used: PHP (Laravel 10), MySQL, Bootstrap, AHP, TOPSIS