Dewantha Surya Octovianus Simbolon

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SUMMARY

I am a graduate in Informatics Education and an enthusiastic web developer with a strong passion for transforming user needs into real-world web projects. My primary strength lies in backend development, yet I am also capable of delivering reliable fullstack solutions. I have been involved in several team-based web development projects, including an employee data management system and an RFID-based student attendance system. My career goal is to deepen my expertise in enterprise-level programming and advance toward independently designing and managing comprehensive software development projects, both in web and beyond.

WORKING EXPERIENCES

SMKN 6 Jakarta, South Jakarta   Jul – Nov 2024
Database and Informatics Teacher Intern
- Taught Database (basic theories, query, database practices, operating database, etc) for 2nd year (11th grade) Software and Game Development student.
- Taught Informatics (basic informatics theories, computational thinking, binary numbers, and Microsoft software tools like Word, Excel, and PowerPoint) for 1st year (10th grade) Software and Game Development student.

Kementerian Luar Negeri RI, Central Jakarta   Jan – May 2024
Backend Web Developer Intern
- Analyzed application requirements and created a structured plan for development.
- Managed database model and structure
- Developed REST API with Express.js and managed data using MySQL.
- Deployed the web-based employee data management application through local office server with virtual machine integration.

Amazone Plaza Cibubur, East Jakarta   Jun – Dec 2023
Arcade Crew Member
- Guiding customers to use and play with the arcade machinery and equipment.
- Ensuring safe, comfortable and friendly service for all arcade customers.
- Maintain and ensure the arcade area is clean and comfortable.
- Conduct regular checks on damaged or problematic arcade machines.
- Conduct weekly and monthly checks on arcade inventory, specifically on machine tickets and prizes on other machine.
- Maintaining the cashier and assisting customer transactions directly.

EDUCATION

Universitas Negeri Jakarta, Jakarta   Aug 2021 – Oct 2025
Bachelor of Education, Informatics and Computer Engineering Education
GPA 3.77 out of 4.00

VOLUNTEER EXPERIENCES

PKMP - B RTE UNJ   Nov 2022
Logistic Division Staff
- Ensured the availability and readiness of accommodation and transportation for both participants and committee members.
- Assisted in distributing logistical needs, including meals, beverages, and event support equipment.

Informatics Super League (ISL) PTIK UNJ Dec 2022

Event Division Staff

- Contributed ideas, planned, and managed event programs and activities.
- Assisted in preparing technical requirements for competitions and events.
- Ensured smooth execution of programs in accordance with the planned schedule from start to finish.

PROJECTS

DewaLearning 2025

Fullstack Developer

- Developed a web-based Learning Management System (LMS) developed independently as first fullstack project.

Sixtap 2025

Backend Developer

- Specifically developed a backend web application for automated attendance services using RFID cards for students at SMK Negeri 6 Jakarta.
- Performing unit testing with Vitest and bottom-up integration testing with Postman.
- Developed by a three-person team as an undergraduate thesis project.

Inventrix 2024

Backend Developer

- Developed a web application for managing online borrowing of school inventory items (e.g., projectors, cables, learning equipment).
- Developed as a final project for Software Project course by a three-person team.

Sipetik 2024

Backend Developer

- Developed a web application for managing employee data at the Ministry of Foreign Affairs of Indonesia (IT and Communications Center, Personnel, and Official Documents Division).
- Developed during internship as part of a three-person team.

COURSES

Dicoding Basics of Web Programming Course Jul 2023

LANGUAGES AND SKILLS

Hard Skills

- Programming : JavaScript (ES6+), PHP (Basic), Java (Basic)
- Frameworks : Node.js, Express.js, React.js, Next.js
- Database: MySQL, MongoDB, Sequelize ORM, Prisma ORM
- Tools & Testing: Git, Postman, Vitest, Figma

Soft Skills

- Team Collaboration, Problem Solving, Critical Thinking, Good Communication, Eager to Learn, Task Managements

Languages

- Bahasa Indonesia - Native Proficiency
- English – Intermediate Level