YOEL WILLIAM CHRISTIANSON SIAHAAN

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PROFILE

- Experienced in fullstack mobile application development using Cordova and Flask, from backend to UI.
- Experienced in solving problems in business development through technological solutions.
- Interested in networking, backend development, server administration, and cloud computing.

EDUCATION

ATMA JAYA UNIVERSITY   **Yogyakarta**
Bachelor, Majoring In Informatics   Sept 2018 - Nov 2024
Concentration, Software Engineering, Mobile Software Development   Major GPA : 3.21/4.00

KEY SKILLS & COMPETENCIES

Programming Language: JavaScript, Python, C++, SQL, Java
Frameworks & Libraries: Flask, Cordova, Flutter, Spring Boot, Angular
DBMS: MySql
Operating System: Windows
Soft Skills: Agile & Self-Motivated Learner | Fast Learner & Adaptability | Continuous Learning & Growth Mindset

EXPERIENCE

IT Fullstack   **Yogyakarta**
Fullstack Engineer Developer (Freelance)   Des 2022 – Oct 2024

- Designed and developed mobile applications using Cordova while managing backend business logic with Flask (Python 2).
- Developed and maintained server communication to ensure optimal performance, security, and scalability of applications.
- Collaborated with clients to understand project requirements, provide technical guidance, and assist with installation.
- Conducted regular debugging and maintenance to optimize application performance.
- Applied best practices in software development, including writing clean, well-documented code and implementing automated testing.

PT. Inti Guna Nusantara, Stationery Distributor   **Yogyakarta**
IT Assistant (Internship)   Mei 2022 - Nov 2022

- Supported the IT Head in developing and improving the company's IT infrastructure, providing technical recommendations for system enhancements and conducting employee training sessions to introduce new applications.
- Developed and implemented a warehouse management system and corporate information web, ensuring efficient database management and server infrastructure maintenance to optimize daily operations.
- Monitored and resolved system bugs, improving application stability and reliability within warehouse operations, leading to a more streamlined inventory tracking process.
- Collaborated with cross-functional teams to gather system requirements, ensuring seamless integration of new software solutions into existing company operations.
- Provided technical support for employees, troubleshooting IT-related issues and enhancing overall operational efficiency.

PROJECT EXPERIENCE

PT Inti Guna Nusantara, Stationery Distributor   **Yogyakarta**

Warehouse Management Application Developer   Juni 2022 - Oct 2024

- Designed and developed a warehouse management application to efficiently manage inventory tracking and stock availability.
- Built a cross-platform mobile application using Cordova, ensuring a responsive and user-friendly interface.
- Developed server-side logic and APIs using Flask, enabling seamless data processing and integration with the database.
- Implemented performance optimizations and data security measures, including encryption and access control.
- Installed the system and conducted user training sessions, ensuring smooth adoption and effective use of the application.

PT Muda Jaya Sukses, Pharmaceutical or Pharmacy Drug Distributor   **Yogyakarta**

Warehouse Management Application Developer   Sept 2023 – Oct 2024

- Developed a warehouse management system to optimize inventory tracking and operational workflows.
- Designed and implemented both frontend and backend components, ensuring efficient data handling and user accessibility.
- Managed network and application installation, ensuring smooth deployment and connectivity.
- Provided user training to enhance understanding and maximize system efficiency in daily operations.

Toko Plastik Cokro 60   **Yogyakarta**

Developing a Shipping Application.   Sept 2023 – Oct 2024

- Developed an application for managing shipments between warehouses and suppliers, improving logistics efficiency.
- Integrated shipment tracking features, providing real-time updates and monitoring.
- Conducted regular maintenance and debugging, ensuring optimal performance and reliability.

Mini Market Supplier   **Purwokerto**

Developing an Application for Note and Receipt Recording   Mei 2024 – Oct 2024

- Developed a full-stack application to record transactions, notes, and receipts, improving data accuracy and efficiency.
- Designed and implemented database architecture, ensuring secure and efficient data storage.
- Integrated application with hardware components, enabling seamless communication with printers and cameras.
- Provided continuous maintenance and debugging, ensuring system stability and reliability.

Prima Rasa, Cake Mini Market.   **Bandung**

Application and Network Maintenance   Jan 2023 – Oct 2024

- Maintained network infrastructure and application stability, ensuring seamless business operations.
- Performed network, server, and hardware installation, optimizing system performance and connectivity.