

RAYHAN FEBRIYAN SAPUTRA

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Jl. Batusari Raya No 1, Jakarta barat, Jakarta

Web Administrator at HSBC, backed by a computer science foundation, focused on building, maintaining, and optimizing enterprise-grade websites and internal content-management systems with clean, maintainable, and user-focused code. In my corporate role, I manage CI/CD workflows and build infrastructure within the Jenkins–Maven ecosystem, handling Jenkins pipelines and builders, Java services, and automated Java Maven build and deployment processes at scale. Prior to HSBC, I led full-stack development at a startup, designing scalable RESTful APIs using Express.js and TypeScript, developing responsive Next.js applications with integrated API layers, building and integrating IoT-enabled systems for real-time data monitoring, deploying real-time systems with Socket.io for chat and cross-platform notifications, and ensuring web reliability through performance optimization and maintenance.

Work Experiences

HSBC Indonesia - Jakarta, Indonesia	Dec 2024 - Present
<i>IWPB Web Administrator</i>	
IWPB HSBC Indonesia is the division focused on wealth management and personal banking services, offering financial planning, investment solutions, and worldwide banking access for individual clients.	
<ul style="list-style-type: none">Developed and launched new website pages and delivered content updates based on Marketing team requests, ensuring brand consistency and enterprise standards.Contributed to website revamp initiatives, improving content structure, maintainability, and overall site quality.Managed and automated the generation of PDF Terms & Conditions (T&C) links, ensuring accuracy, accessibility, and compliance.Built internal tools to support daily web operations and cross-team workflows, improving efficiency and reducing manual processes.Actively collaborated with Marketing and related teams through regular coordination and progress discussions to align website development with business needs.Introduced and implemented CI/CD practices, improving deployment reliability, build consistency, and development efficiency.Supported structured website and content deployments, ensuring safe, controlled, and enterprise-grade releases.	Sep 2024 - Dec 2024
Onanmedia Internasional Indonesia - Jakarta, Indonesia	
<i>Fullstack Web</i>	
<ul style="list-style-type: none">RESTful API Development: Created efficient APIs using Express.js and TypeScript, ensuring scalability and maintainability.Web Integration with Next.js: Developed a responsive web app in Next.js with seamless API integration using TypeScript.Real-time Features: Built a Socket.io server for real-time chat and notifications on web and mobile platforms.Full-stack Development: Worked across front-end and back-end, handling databases, APIs, and user interfaces.Web Maintenance: Maintained and optimized web applications for smooth performance and reliability.	Sep 2024 - Dec 2024

Lab ICT Universitas Budi Luhur - Jakarta, Indonesia	Aug 2022 - Jul 2023
<i>Supervisor Lab Assistant</i>	
<ul style="list-style-type: none">Serving as a supervisor for 30 lab assistants, ensuring their maintenance and care of the labs they oversee.Ensuring the lab operates in an organized and smooth manner.Training and serving as a mentor to the lab assistants.Ensuring a smooth internet connection in every lab.Maintaining lab servers, including storage servers and the main server, and deploying supporting lab websites on the main server.Creating materials and guides for lab assistants to enhance efficiency and effectiveness in the lab.	
Education Level	

Universitas Budi Luhur - Jakarta, Indonesia	Jun 2020 - Jul 2024
<i>Bachelor of Computer Science, 3.90/4.00</i>	
<ul style="list-style-type: none">Graduated Magna Cum Laude, demonstrating exceptional academic performance and dedication to excellence.	
Dicoding Academy - Bandung, Indonsia	Feb 2023 - Jul 2023
<i>Certificate in Developing Front-End Web and Back-End</i>	
<ul style="list-style-type: none">Completed JavaScript-based Front-End development, acquiring technical skills to craft innovative solutions for complex problems.Participated in soft-skills training, focusing on effective communication, leadership, and teamwork, to facilitate efficient collaboration.Collaborated with a team on a Capstone Project, creating cutting-edge websites using JavaScript in the React.js and Express.js frameworks.	

Skills, Achievements & Other Experience

- Achievements** (2024): Journal Leter "Internet of Things Dalam Smart Vertical Garden Dengan Fuzzy Logic Method"

- **Achievements** (2024): Sertifikat Pencatatan Ciptaan
- **Achievements** (2023): Successfully graduated from "Studi Independen Kampus Merdeka pada platform Dicoding"
- **Achievements** (2021): "Sertifikasi Algoritma" By Universitas Budi Luhur
- **Modules Taken** (2023): "Belajar Membuat Aplikasi Web dengan React"
- **Modules Taken** (2023): "Belajar Membuat Aplikasi Back-End untuk Pemula"
- **Modules Taken** (2023): "Menjadi Front-End Web Developer Expert"
- **Projects** (2024): Thesis Project: "Smart Vertical Garden Based on IoT With Node JS Server and Websocket Protocol"
- **Projects** (2023): CropPlanner Dicoding Capstone Project
- **Projects** (2024): Absensi Lab ICT Universitas Budi Luhur
- **Projects** (2023): Deteksi Trending Topic dengan BN-Grams dan Klasterisasi Berbasis Web pada Kompas.com
- **Soft Skills:** Time Management : Goal Setting, Multitasking
- **Soft Skills:** Teamwork : Problem Solving, Decision Making, Communication
- **Hard Skills:** IT Support : Troubleshooting
- **Hard Skills:** Development: C++, Arduino
- **Hard Skills:** Web Developer: React Js, Express Js, Node JS, NextJS, HTML, JavaScript, CSS, Typescript