

# 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

*IWPB Web Administrator*

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.

- 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.

**Onanmedia Internasional Indonesia - Jakarta, Indonesia**

Sep 2024 - Dec 2024

*Fullstack Web*

- 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.

**Lab ICT Universitas Budi Luhur - Jakarta, Indonesia**

Aug 2022 - Jul 2023

*Supervisor Lab Assistant*

- 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

*Bachelor of Computer Science, 3.90/4.00*

- Graduated Magna Cum Laude, demonstrating exceptional academic performance and dedication to excellence.

**Dicoding Academy - Bandung, Indonesia**

Feb 2023 - Jul 2023

*Certificate in Developing Front-End Web and Back-End*

- 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 Letter "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