

MUHAMMAD IRFAN SUHERMAN

FRONT END DEVELOPER

+62896-2997-3589 | suhermanirfan23@gmail.com | [Personal Website](#) | [LinkedIn](#) | Jakarta, Indonesia

SUMMARY

As a Final-Year Informatics Engineering student at Indraprasta PGRI University (GPA 3.52), I am a tech-driven professional with proven experience as a Frontend Web Developer at PT Bank Negara Indonesia (BNI) and as a Freelance Full Stack Web Developer. At BNI, I contributed to large-scale government digital projects by building microfrontend applications, integrating RESTful APIs, and developing real-time dashboards using React.js and Next.js. In my freelance projects, I designed and implemented eCommerce platforms. Skilled in Laravel, React.js, Next.js, TailwindCSS, and PHP, I specialize in creating scalable, responsive, and data-driven applications while excelling in UI/UX development, API integration, and system optimization.

SKILLS

Programming Language: Proficient in HTML, CSS, dan Javascript. PHP.

Others: Tailwind CSS, React JS, Next JS, Vue JS, dan Laravel, Typescript

Database: MYSQL, PostgreSQL

Authentication & Security: JWT, Auth

EXPERIENCES

Freelance Remote

Jakarta, Indonesia

Freelance-Full Stack

April – Sept 2025

- Real-Time Skincare Recommendation Dashboard: Built an AI-powered recommendation tool with native PHP, TailwindCSS, and JavaScript, delivering personalized skincare suggestions through dynamic criteria management and optimized performance.
- School Selection Decision Support System (DSS): Designed a data-driven school selection system using native PHP for scoring logic and Bootstrap + JavaScript for dashboards, providing instant results with visual feedback for users
- Analytical Hierarchy Process (AHP) Decision Dashboard: Created a multi-criteria evaluation system with pairwise comparison, consistency ratio validation, and automated report generation, built on PHP and Bootstrap for structured decision-making.
- Motorcycle Damage Diagnosis System – Honda AHASS Kemang: Developed a rule-based expert system using the Forward Chaining method in Java (Visual Studio Code) with a MySQL database to diagnose motorcycle damages. Designed an admin dashboard for managing symptoms, damages, diagnosis history, and generating real-time diagnostic results.
- Child Nutrition Status Prediction System – Posyandu Rambutan B RW 07: Developed a web-based application using Python, HTML, and Tailwind CSS that applies the Naive Bayes algorithm with anthropometric parameters (age, weight, height, gender) to predict child nutrition status with high accuracy and real-time results.
- School Management System – TK RA Al-Hida: Developed a web-based system using Laravel (PHP), MySQL, Bootstrap, and TailwindCSS to manage students, teachers, payments, and learning activities. Designed an interactive dashboard with real-time statistics, quick actions, and activity logs to support efficient school administration.

PT BANK BNI INDONESIA

Jakarta, Indonesia

Frontend Developer – Full TIME

Juli – Feb 2025

- Developed a responsive UI/UX by slicing Figma designs into functional components. Integrated backend APIs using Mockoon for mock testing and seamless data retrieval. Managed version control and collaboration via GitLab, ensuring efficient code tracking and deployment.
- Developed reusable React.js 14.0 components in a microfrontend architecture. Optimized performance with server-side rendering (SSR) and auto-complete search functionality. Integrated backend APIs for real-time transaction data recaps and credit monitoring. Implemented notification systems and credit application validation for seamless user workflows.
- Conducted System Integration Testing (SIT) to validate component interactions. Performed User Acceptance Testing (UAT) with stakeholders to ensure alignment with requirements. Acted as a user companion during software rollout, addressing issues and optimizing performance. Resolved live application errors and responded to user-reported bugs promptly.

PT LX INTERNATIONAL

Full Stack – Internship

Jakarta, Indonesia

Janu 2024 – Jun 2024

- Participated in an intensive full-stack web development program equivalent to 20 university credits.
- Developed dynamic and interactive user interfaces using HTML, CSS, JavaScript, jQuery, and Ajax.
- Worked with Bootstrap and Bulma frameworks to create responsive designs.
- Implemented server-side scripting using Flask and Python.
- Managed flexible and scalable database solutions using MongoDB.
- Integrated APIs to connect various systems and services.
- Developed authentication mechanisms to enhance security

EDUCATIONS

University Indraprata PGRI

informatics engineering

IPK: 3.52/4.0

Jakarta, Indonesia

Graduated Sept 2025

PROJECTS

SMK YAPRI | SPK MOORA

April 2025

Designed and developed a full-stack web application implementing the Multi-Objective Optimization by Ratio Analysis (MOORA) method to aid in optimal teaching method selection. The system features a dynamic dashboard for managing 15 criteria and 3 alternatives, performs real-time calculations, and presents results with clear data visualizations and rankings.

Technology: HTML, CSS, JavaScript, PHP TailwindCSS, Chart JS, MySQL

PT ADE HR | SPK Skincare

MEI 2025

Real-Time Skincare Recommendation Dashboard: Built an AI-powered recommendation tool with native PHP, TailwindCSS, and JavaScript, delivering personalized skincare suggestions through dynamic criteria management and optimized performance.

Technology: HTML, CSS, JavaScript, PHP TailwindCSS, Chart JS, MySQL

SMPN 27 | SPK School

Juni 2025

School Selection Decision Support System (DSS): Designed a data-driven school selection system using native PHP for scoring logic and Bootstrap + JavaScript for dashboards, providing instant results with visual feedback for users.

Technology: HTML, CSS, Javascript, PHP bootstrapCSS, Chart JS, MySQL

PT BPR Kerta Mulia | SPK AHP

Juni 2025

Analytical Hierarchy Process (AHP) Decision Dashboard: Created a multi-criteria evaluation system with pairwise comparison, consistency ratio validation, and automated report generation, built on PHP and Bootstrap for structured decision-making.

Technology: HTML, CSS, Javascript, PHP bootstrapCSS, Chart JS, MySQL

PT AHASS KEMANG | SPK Forward Chaining

Juli 2025

Motorcycle Damage Diagnosis System – Honda AHASS Kemang: Developed a rule-based expert system using the Forward Chaining method in Java (Visual Studio Code) with a MySQL database to diagnose motorcycle damages. Designed an admin dashboard for managing symptoms, damages, diagnosis history, and generating real-time diagnostic results.

Technology: Java Application

Posyandu Rambutan B | Decision Tree

Juli 2025

Child Nutrition Status Prediction System – Posyandu Rambutan B RW 07: Developed a web-based application using Python, HTML, and Tailwind CSS that applies the Naive Bayes algorithm with anthropometric parameters (age, weight, height, gender) to predict child nutrition status with high accuracy and real-time results.

Technology: HTML CSS Python, Javascript, bootstrapCSS, MYSQL

Posyandu Rambutun B | Decision Tree

Sept 2025

School Management System – TK RA Al-Hida: Developed a web-based system using Laravel (PHP), MySQL, Bootstrap, and TailwindCSS to manage students, teachers, payments, and learning activities. Designed an interactive dashboard with real-time statistics, quick actions, and activity logs to support efficient school administration.

Technology: HTML CSS, Laravel, PHP, Javascript, bootstrapCSS, MYSQL





81P2L18JJZOY

Diberikan kepada

Muhammad Irfan Suherman

Atas kelulusannya pada kelas

Belajar Dasar Pemrograman JavaScript

06 Januari 2025

Narenda Wicaksono
Chief Executive Officer
Dicoding Indonesia

**SERTIFIKAT
KOMPETENSI
KELULUSAN**



Verifikasi Sertifikat

dicoding.com/certificates/81P2L18JJZOY
Berlaku hingga 06 Januari 2028



NVP75G96OXR0

Diberikan kepada

Muhammad Irfan Suherman

Atas kelulusannya pada kelas

Belajar Membuat Front-End Web untuk Pemula

06 Januari 2025

Narenda Wicaksono
Chief Executive Officer
Dicoding Indonesia

**SERTIFIKAT
KOMPETENSI
KELULUSAN**



Verifikasi Sertifikat

dicoding.com/certificates/NVP75G96OXR0

Berlaku hingga 06 Januari 2028



55XEQY94YXRN

Diberikan kepada

Muhammad Irfan Suherman

Atas kelulusannya pada kelas

Belajar Dasar Pemrograman Web

18 Oktober 2024

Narenda Wicaksono
Chief Executive Officer
Dicoding Indonesia

**SERTIFIKAT
KOMPETENSI
KELULUSAN**



Verifikasi Sertifikat

dicoding.com/certificates/55XEQY94YXRN

Berlaku hingga 18 Oktober 2027

COURSE CERTIFICATE

This is to certify that

Muhammad Irfan Suherman

has successfully completed the course by demonstrating
theoretical and practical understanding of

Introduction to JavaScript



Certificate CC-KNUHVLII
Issued 19 September, 2024

Yeva Hyusyan
Chief Executive Officer



SERTIFIKAT

— PENYELESAIAN —

Sertifikat ini diberikan kepada:

Muhammad Irfan Suherman

Sebagai tanda telah menyelesaikan kursus LearningX dengan nama:

MBKM Course Batch 6: FullStack Web Development

Tanggal Penyelesaian: 28 Juni 2024

Jeong Kyu Kim
Head of LearningX

freeCodeCamp (🔥)

This certifies that

Muhammad Irfan Suherman

successfully completed the

Legacy JavaScript Algorithms and Data Structures

Developer Certification on December 31, 2021

representing approximately 300 hours of work



Quincy Larson
Executive Director, freeCodeCamp.org



Verify this certification at:

<https://freecodecamp.org/certification/muhammadirfansuherman/javascript-algorithms-and-data-structures>

freeCodeCamp (🔥)

This certifies that

Muhammad Irfan Suherman

successfully completed the

Responsive Web Design

Developer Certification on May 10, 2021

representing approximately 300 hours of work



Quincy Larson
Executive Director, freeCodeCamp.org



Verify this certification at:

<https://freecodecamp.org/certification/muhammadirfansuherman/responsive-web-design>