MUHAMMAD IRFAN SUHERMAN
FRONT END DEVELOPER

+62896-2997-3589 | suhermanirfan23@gmail.com | Personal Website | LinkedIn | Jakarta, Indonesia

SUMMARY

Final-year informatics engineering student at indraprasta pgri university (gpa 3.52) with strong expertise in full-stack web development. Experienced as a frontend developer at pt bank negara indonesia (bni) and as a freelance full stack developer, contributing to large-scale digital projects and custom applications. Skilled in laravel (php), react.js, next.js, tailwindcss, bootstrap, and mysql, with additional experience in python and java for decision support systems and predictive analytics. Passionate about building scalable, data-driven, and user-friendly applications, with proven strengths in ui/ux design, api integration, system optimization, and decision support systems (dss).

SKILLS

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

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

Database: MYSQL, PostgreSQL,Mongodb

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   Aug – 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 Jakarta,Indonesia
Full Stack – Internship 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 Jakarta, Indonesia
informatics engineering Graduated Sept 2025
IPK: 3.52/4.0

PROJECTS

SMK YAPRI | SPK MOORA April 2025
Real-Time Skincare Recommendation Dashboard
Successfully designed and developed an AI-powered recommendation tool using native PHP, TailwindCSS, and JavaScript, enabling users to receive personalized skincare suggestions in real time. Implemented dynamic criteria management that adapts recommendations based on user profiles and skin conditions, ensuring high relevance and accuracy. Optimized system performance to deliver fast, seamless user experiences, resulting in improved engagement and satisfaction with tailored skincare solutions.
Technology: HTML, CSS, JavaScript, PHP TailwindCSS, Chart JS,MYSQL

PT ADE HR | **SPK** Skincare MEI 2025
Real-Time Skincare Recommendation Dashboard
Successfully designed and developed an AI-powered recommendation tool using native PHP, TailwindCSS, and JavaScript, enabling users to receive personalized skincare suggestions in real time. Implemented dynamic criteria management that adapts recommendations based on user profiles and skin conditions, ensuring high relevance and accuracy. Optimized system performance to deliver fast, seamless user experiences, resulting in improved engagement and satisfaction with tailored

skincare solutions.Technology: HTML, CSS, JavaScript, PHP TailwindCSS, Chart JS,MYSQL

SMPN 27 | **SPK** School Juni 2025
School Selection Decision Support System (DSS)
Designed and developed a data-driven decision support system using native PHP for implementing scoring and evaluation logic, with Bootstrap and JavaScript to build an interactive dashboard. Enabled real-time school selection results with intuitive visual feedback, making the decision process faster, more transparent, and user-friendly. Optimized usability to support students and parents in making better-informed choices through structured criteria analysis.
Technology: HTML, CSS, Javascript, PHP bootstrapCSS, Chart JS,MYSQL

PT BPR Kerta Mulia | **SPK** AHP Juni 2025
Analytical Hierarchy Process (AHP) Decision Dashboard
Successfully developed a multi-criteria evaluation system implementing the AHP method with pairwise comparison, consistency ratio validation, and automated report generation. Built using native PHP for decision logic and Bootstrap for a responsive dashboard interface, the system streamlines structured decision-making processes. Enhanced user experience with clear data visualizations and real-time validation, ensuring accuracy, transparency, and efficiency in generating reliable decision outcomes.
Technology: HTML, CSS, Javascript, PHP bootstrapCSS, Chart JS,MYSQL

PT AHASS KEMANG | **SPK** Forward Chaining   Juli 2025
Motorcycle Damage Diagnosis System – Honda AHASS Kemang
Designed and developed a rule-based expert system applying the Forward Chaining method in Java (Visual Studio Code) with MySQL as the database to diagnose motorcycle damages accurately. Implemented an admin dashboard to manage symptoms, damage categories, and diagnosis history while generating real-time diagnostic results. Enhanced system usability by providing structured knowledge-based rules, ensuring efficient and reliable troubleshooting for motorcycle technicians.
Technology: Java Application

Posyandu Rambutan B | Decision Tree   Juli 2025
Child Nutrition Status Prediction System – Posyandu Rambutan B RW 07
Designed and developed a web-based prediction system implementing the Naive Bayes algorithm with anthropometric parameters such as age, weight, height, and gender to assess child nutrition status. Built using Python for predictive modeling, with HTML and TailwindCSS for a responsive front-end interface, the system delivers real-time, accurate results. Enhanced usability with clear data visualizations and instant feedback, supporting healthcare workers in making data-driven nutritional assessments efficiently.
Technology: HTML CSS Python, Javascipt, bootstrapCSS, MYSQL

E-Learning System TK RA-Alhida   Sept 2025
School Management System – TK RA Al-Hida
Designed and developed a web-based management system using Laravel (PHP), MySQL, Bootstrap, and TailwindCSS to streamline school operations, including student, teacher, payment, and learning activity management. Implemented an interactive dashboard with real-time statistics, quick actions, and activity logs, enhancing efficiency and transparency in school administration.
Technology: HTML CSS, Laravel, PHP, Javascript, bootstrapCSS, MYSQL

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universitas indraprasta pgri
FAKULTAS TEKNIK DAN ILMU KOMPUTER
J. Raya Tengah No. 80 Kelurahan Gedong, Pasar Rebo - Jakarta Timur 13670.
Telp. (021) 87797409
Website : www.unindra.ac.id
Email : kampus@unindra.ac.id

SURAT KETERANGAN
NO. 2420/D/FTIK/UNINDRA/VIII/2025

Pimpinan Fakultas Teknik dan Ilmu Komputer Universitas Indraprasta PGRI dengan ini menerangkan bahwa :

Nama	:	**Muhammad Irfan Suherman**
Tempat Lahir	:	Jakarta
Tanggal Lahir	:	23 September 2001
Alamat	:	Jl. Gotong Royong, Gg. Budaya No. 26 C, Rt. 007/02, Kel. Cijantung, Pasar Rebo, Jakarta Timur

Adalah benar yang bersangkutan mahasiswa Universitas Indraprasta PGRI Pada :

Fakultas	:	Teknik dan Ilmu Komputer
Program Studi	:	Teknik Informatika
NPM	:	202143501952
Jenjang Pendidikan	:	S-1 (Strata Satu)
Status	:	Terakreditasi No.049/SK/LAM-INFOKOM/Ak/S/III/2025
Tanggal Yudisium	:	25 Agustus 2025

Saat ini yang bersangkutan dinyatakan **Lulus** dan Sedang menunggu Proses Penyelesaian Ijazah Program Strata Satu (S-1).

Demikianlah Surat Keterangan ini dibuat untuk dapat dipergunakan seperlunya.

Jakarta, 8 September 2025
Fakultas Teknik dan Ilmu Komputer
Dekan,

Harris, M.T
NIK. 04190653094

dicoding

MRZMNGYLLPYQ

Diberikan kepada

Muhammad Irfan Suherman

Atas kelulusannya pada kelas

Belajar Dasar AI

08 Januari 2025

Narenda Wicaksono

Narenda Wicaksono
Chief Executive Officer
Dicoding Indonesia

Verifikasi Sertifikat
dicoding.com/certificates/MRZMNGYLLPYQ
Berlaku hingga 08 Januari 2028

dicoding

81P2L18JJZOY

Diberikan kepada

Muhammad Irfan Suherman

Atas kelulusannya pada kelas

Belajar Dasar Pemrograman JavaScript

06 Januari 2025

Narenda Wicaksono

Narenda Wicaksono
Chief Executive Officer
Dicoding Indonesia

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

dicoding

NVP75G96OXR0

Diberikan kepada

Muhammad Irfan Suherman

Atas kelulusannya pada kelas
Belajar Membuat Front-End Web untuk Pemula

06 Januari 2025

Narenda Wicaksono

Narenda Wicaksono
Chief Executive Officer
Dicoding Indonesia

Verifikasi Sertifikat
dicoding.com/certificates/NVP75G96OXR0
Berlaku hingga 06 Januari 2028

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dicoding

55XEQY94YXRN

Diberikan kepada

Muhammad Irfan Suherman

Atas kelulusannya pada kelas
Belajar Dasar Pemrograman Web

18 Oktober 2024

Narenda Wicaksono

Narenda Wicaksono
Chief Executive Officer
Dicoding Indonesia

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
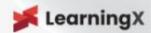theoretical and practical understanding of

Introduction to JavaScript

Yeva Hyusyan
Chief Executive Officer

sololearn

Certificate CC-KNUHVLIU
Issued 19 September, 2024

LearningX

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

Quincy Larson
Executive Director, freeCodeCamp.org

Verify this certification at:
https://freecodecamp.org/certification/muhammadirfansuherman/javascript-algorithms-and-data-structures

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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

Quincy Larson
Executive Director, freeCodeCamp.org

Verify this certification at:
https://freecodecamp.org/certification/muhammadirfansuherman/responsive-web-design