

# FERREN DIOVALDA



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## SUMMARY

Hi! I'm **Ferren**, a Professional Fullstack Web Developer specializing in Laravel, with solid skills in React.js for building dynamic user interfaces. Strong backend expertise in developing scalable, secure, and maintainable applications, complemented by frontend proficiency to create seamless user experiences. Committed to clean code, performance optimization, and continuous learning to deliver effective digital solutions.

## EDUCATION

### Software Engineering

SMKN 8 JEMBER

2022 - 2025

- Algorithm and data structure
- Web Programming
- Design Database

## SKILLS

### Programming:

Over 4000 lines:

PHP • PHP with Laravel • HTML/CSS/Javascript

Over 2000 lines:

ReactJs • Javascript • Typescript

### Database:

MySQL • PostgreSQL • MongoDB

### Others:

Teaching and Mentoring • Public Speaking • Team Work

## EXPERIENCE

### Fullstack Software Engineer

Smartlogy.id • Full-time

Sep 2024 - Present

#### SmartSurat – Letter Management Web Application

- Implemented efficient tracking for incoming and outgoing letters.
- Implemented efficient tracking and dynamic categorization of letters.
- Automated sequential numbering to ensure consistency.
- Developed an intuitive, responsive interface for easy letter management across devices.

#### Smartlogy Landing Page – Company Web Profile

- Built a modern and responsive landing page using Laravel + TailwindCSS.
- Designed clean, intuitive UI and smooth navigation.
- Built a responsive, SEO-optimized landing page to showcase company and products.

#### Moza Web Application – Tour and travel web

- Developed CRUD for managing content tour packages, vehicle rentals, articles, and gallery.
- Enabled dynamic content updates on the user website.
- Designed an easy-to-use admin panel for quick content management.

#### PT BIOSIGMA MEDIKA – Sales System

- Automated Sales Recording – records every sales transaction with an auto-generated serial number for easy tracking.
- Document Generation – automatically generates PDF invoices, delivery orders, and pre-orders.
- Financial Management – manages financial records including payments, receivables, and cash flow..
- CRUD Operations – provides full management of products, customers, suppliers, and sales transactions.
- Admin Dashboard – intuitive dashboard for monitoring sales, stock levels, and financial reports.

### Intern Junior Software Engineer

PT. Universal Big Data • Intern

Jan 2024 - June 2024

Here are some experiences that i got:

- Build API from scratch using Django RestFrameWork and Laravel.
- Build a chatbot using Botpress and integrate with API.
- Built and maintained frontend interfaces using ReactJS with Material UI, ensuring responsive and consistent design.

### Teacher Assistant & Mentor

SMKN 8 JEMBER • Part time

Aug 2023 - May 2025

Here are the courses I teach:

- Provided mentorship in HTML, CSS, JavaScript, and foundational MySQL concepts.
- Guided students using library for styling like tailwind and bootstrap
- Explained key web development frameworks including Laravel and ReactJS, helping students understand fullstack development fundamentals.
- Assisted students in applying best practices when building CRUD applications and user interfaces.
- Created practical coding exercises and provided hands-on support during lab sessions and project development.

## CERTIFICATIONS

### 2nd Winner - 2024

LKS Web Technology at Kabupaten Jember

### Finalist and the most supportive team - 2024

EPIM National Web Development and Design at Politeknik Negeri Jember

### Bootcamp Web Technology Batch 1 & 2 - 2024

Preparation for LKS Web Technology

Covered practical training in

- HTML, CSS (Tailwind), JavaScript'
- PHP & Laravel basics
- Responsive web design
- REST API and Git version control
- Consume REST API in ReactJS
- UI/UX fundamentals and competitive coding challenges
- Developed simple browser-based games using the HTML5 Canvas API

