

Indra Sanjaya

Software Developer

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SUMMARY

A results-driven professional transitioning into software development with 8+ years of experience in engineering, data analysis, and system implementation across oil & gas and industrial sectors. Passionate about building scalable web and data-driven applications, with strong analytical thinking and problem-solving skills. Experienced in working with complex systems, now focused on full-stack development and leveraging technology to solve real-world problems.

WORK EXPERIENCE

PT Sepuluh Saudara Sejahtera

Kalimantan Timur, Indonesia

Contract Engineer

August 2023 – Present

- Negotiating and managing suppliers for cost-effective, compliant procurement.
- Overseeing inventory planning and purchasing schedules to minimize waste and costs.
- Aligning procurement cross-functionally while optimizing vendor strategies.

PT Pertamina Hulu Mahakam

Kalimantan Timur, Indonesia

Sustainability Engineer

August 2022 – August 2023

- Led ESG compliance and ISO 14001 EMS, achieving Green and GOLD PROPER status.
- Coordinated conservation programs and environmental risk assessments per regulations.
- Managed environmental reporting to ensure full regulatory compliance.

PT Pupuk Kalimantan Timur

Kalimantan Timur, Indonesia

Environmental Engineer

January 2019 – August 2022

- Reduced 700,000 tons CO₂e (2020) through emissions control and energy efficiency.
- Led CEMS installation and monitored wastewater systems for regulatory compliance.
- Supported National GOLD PROPER, Green Industry Award (2020) and Sustainability Reporting.

Beyond Petroleum (via PT Kontrol Power Utama)

Papua, Indonesia

Environmental Engineer

August 2015 – December 2018

- Conducted HSE inspections and supervised controls for high-risk site activities.
- Coordinated risk assessments and hazard controls across infrastructure projects.
- Upheld safety and environmental standards achieved Zero LTI on BP LNG Tangguh Tank Project.

PROJECTS

[FireWork Studio - Social Media Manager](#)

April 2026

An AI-powered web-based platform for social media management, allowing users to track account and post performance, create and schedule content, and discover trending topics. Integrated a RAG-based AI storyboard system to assist in planning and generating content ideas.

Tech stack: Next JS, Prisma, Rest API, PostgreSQL, Supabase, BetterAuth, Redis, Vercel, Cloudinary, Gemini API

[SprintZee - Sportswear Marketplace](#)

April 2026

A type-safe scalable web app featuring MongoDB, JWT security, and dynamic infinite scrolling.

Tech stack: Next.js (App Router), React, TypeScript, MongoDB, Tailwind CSS, Zod, JSON Web Token (JWT), bcryptjs, SweetAlert2.

TripPlanner - All-in-One Travel Organizer

April 2026

An AI-powered web app for planning itineraries, securing data, and generating intelligent suggestions.

Tech stack: React.js, Vite, Tailwind CSS, Redux Toolkit, Node.js, Express.js, PostgreSQL, Sequelize, Google Generative AI, and Jest.

Voca – Real-Time Social Media Platform (via Expo Go)

April 2026

A scalable mobile social media app enabling real-time content sharing, secure authentication, and smooth navigation with optimized user experience.

Tech stack: React Native, Expo, Apollo Client, GraphQL, React Navigation (Native Stack & Bottom Tabs), Expo Secure Store, and EAS Build.

SKILLS

Language: JavaScript, TypeScript

Front End: React.js, Redux, React Native, HTML, CSS, Apollo Client

Back End: Node.js, Express.js, Sequelize, PostgreSQL, GraphQL (Apollo Server), MongoDB, Redis, REST API

Tools & Others: Git, GitHub, Docker, Postman, Firebase, Cloudinary, FullCalendar, Vite, Swagger/OpenAPI, Microsoft Office, AutoCAD

CERTIFICATIONS

HackerRank

Issued in March 2026

[Software Engineer Intern](#) | [Problem Solving Basic](#) | [Javascript \(Basic\)](#)
[CSS \(Basic\)](#) | [React \(Basic\)](#)

No expiration date

EDUCATION

Hacktiv8

Jakarta, Indonesia

Full Stack JavaScript Immersive Program (Score 94/100 - [Transcript](#))

November 2025 – April 2026

Universitas Mulawarman

Samarinda, Indonesia

Bachelor of Environmental Engineering (GPA 3.86/4.00 - [Transcript](#))

2010 – 2014