

Asraf M. Izzuddin

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Programmer and Technology Enthusiast with 3,5+ years experience and strong on Javascript Environment, such React.js, and Node.js. Always motivated to seek experiences that provide a strong feeling of discovery. Interested on new ideas, technologies, project management and their possibility to affect our life positively.

WORK EXPERIENCE

CV. Solusi Teknologi Kreatif - STK (Full Time) | Jakarta, Indonesia

Technical Leader

Jan 2022 - current

- Implement SSR and Improve lighthouse performance Website of Lion Parcel, resulting in an **54.2%** increase in performance score and a **9.89%** improvement in SEO, using **NodeJS, Express, and Vue JS**.
- Create Telegram bot alerter for monitoring system using **Python**
- Create Face Recognition Website and Model for presence system using **React JS** and **Nest JS**
- Lead 4+ engineers and build fullstack web app called Sentiment Analysis for real-time monitoring social media and article using **Next JS, Nest JS, MySQL, and Elasticsearch**.
- Lead 4+ engineers and build fullstack web app called Smart Booking Room for **DPR Republik Indonesia** using **Next JS, Nest JS, Websocket (Socket.io), and MySQL**
- Conduct code reviews to colleague and implement clean code.
- Setup CI/CD pipelines using **Drone.io, Gitea actions, Docker, and Kubernetes**.

Ministry of Home Affairs Indonesia Republic - SIPD (Part Time) | Jakarta, Indonesia

Fullstack Developer

Jan 2025 - Dec 2025

- Developing geospatial distribution maps for national priority programs such as MBG, the 3 Million Free Housing Program, and Zero Tax using **React Leaflet**.
- Building interactive visualizations for monitoring policy implementation across regions using **React JS, Tailwind CSS, and Chakra UI**.
- Handling end-to-end data integration, from writing **PostgreSQL** queries and backend data preparation to frontend consumption and visualization.

PT. Telkom Indonesia - Apilogy.id (Project Based) | Bandung, Indonesia

Fullstack Developer (Front End Heavy)

Aug 2022 - Dec 2024

- Implementing a new homepage design for apilogy.id based on the UI/UX team's prototype using React.js, Next.js, and Tailwind CSS.
- Implementing new design web page from UI/UX Team on user management service, resulting in an **81.9%** increase in SUS score, **30%** more informative content, and a **53%** improvement in visual impression, using **Vue JS** bundled with **Webpack**.
- Fix 5+ security issues that reported from penetration test team
- Create 15+ unit test and create 5+ integration test on user management service using **Jest** using **Cypress**.
- Collaborate with Backend to integrate API and also Collaborate with Frontend to provide data.
- Conduct code reviews to colleague and implement clean code.
- Create CI/CD pipelines using **Jenkins** and **Drone.io** for deployment.

PT. Solusi Kebutuhan Teknologi (Contract) | Jakarta, Remote

Fullstack Developer (Front End Heavy)

Apr 2024 - Jul 2024

- Create 3+ new feature on Warehouse Management System.
- Bug fix 5+ features on Warehouse Management System.
- Making enhancement on 15+ features on Warehouse Management System, either on website or mobile application using **Angular JS, Express JS, and MongoDB**

PT. Produkzilla Akademi - Productzilla (Part Time) | Bandung, Indonesia

Fullstack Developer (Front End Heavy)

Aug 2022 - April 2024

- Providing backend service for e-Election using **Nest JS (Typescript)** and also implement figma mockup from UI/UX team using **React JS, NEXT JS, and React Query**.
- Create e-Election Mobile App using **React Native (Typescript)**.
- Understanding business process and implementing new design web page from UI/UX Team, resulting in an **90.5%** increase in SUS score, **36.4%** more informative content, and a **59.6%** improvement in visual impression, using **Vue JS** bundled with **Webpack** for user management service.
- Building backend and front end service using **Docker** containerization and docker compose.
- Create CI/CD pipelines using **Drone.io** for deployment.
- Teaching, mentoring, and giving task for 5+ students on Short Class Web Development using **React JS**

FORMAL EDUCATION

Binus Online University

Information System - Bachelor Degree

3.94/4.0 (Ongoing)

Telkom University

Information System - Diploma 3

3.90/4.0 (Cumlaude)

SMAN 3 Sidoarjo

Science

91.25/100.00

UNFORMAL EDUCATION

Bootcamp PKS Digital School

Fullstack Web Development

Oct 2021 - Dec 2021

- Create Film website (Admin-site) with the implementation of CRUD using **Laravel 6**
- Create Futsal Online Booking Website (Cust. and Admin-site) with the implementation of CRUD using **Laravel 6**

Backend Engineer - Productzilla Academy

Backend Engineer

Feb 2023 - June 2023

- Understanding the fundamentals of backend development using **Node JS**.
- Learning how to work with databases using Node.js, including CRUD operations and **MongoDB** database integration.
- Understanding how to handle asynchronous programming using promises and async/await in **Node JS**.

Project Management & Scrum Master - Rakamin Academy

Project Management & Scrum Master

Aug 2022 - Sep 2022

- Understanding the principles and practices of Agile project management.
- Gaining knowledge about the Scrum framework and its roles, artifacts, and ceremonies.
- Learning how to effectively plan, prioritize, and manage project backlogs.
- Mastering the art of facilitating and participating in Scrum meetings, including daily stand-ups, sprint planning, sprint reviews, and retrospectives.

Bootcamp PKS Digital School

Data Science

Apr 2022 - Jun 2022

- Take Insight to increase sales of supermarket from collecting data, preparing data, processing data, and analyzing data with 92 final score using Python
- Take Insight to analyzing COVID-19 Growth from collecting data, preparing data, processing data, and analyzing data with 90 final score using Python

Google Cloud Fundamentals - Coursera

Core Infrastructue

May 2022 - Jun 2022

- Understanding the basics of cloud computing and the Google Cloud Platform (GCP).
- Learning about the core infrastructure components of GCP, including virtual machines, storage, and networking.

SKILL

Technical:

- Javascript
- Typescript
- NodeJS
- ExpressJS
- ReactJS
- NextJS
- Redux
- VueJS
- Vuex
- NestJS
- AngularJS
- Laravel
- Python
- Machine Learning
- Web Scraping
- NLP
- Git
- Databases (MySQL, PostgreSQL, & MongoDB)
- **Languages:** Fluent in Indonesia, Quite well in English

ORGANISATIONAL EXPERIENCE

Student Association of Diploma System Information

Department Lead of Sports and Culture division

May 2022 - Feb 2023

- Developing and implementing strategic plans and goals for the Department of Sports, Arts, and Culture.
- Leading and managing a team of members within the department.
- Organizing and overseeing various sports, arts, and cultural events and activities.
- Coordinating with other departments and external stakeholders to ensure successful collaborations and partnerships.

Student Association of Diploma System Information

President of INSEC (Information System E-Sport Competition)

Oct 2021 - Nov 2022

- Planning and organizing esports tournaments or competitions within the major.
- Developing and implementing marketing strategies to promote the esports tournament and attract participants.
- Creating tournament rules and regulations, ensuring fairness and compliance among participants.
- Collaborating with the Department of Sports, Arts, and Culture to secure necessary resources and support for the esports tournament.

SSG++ (Surabaya, Sidoarjo, Gresik)

President of SCRIPT (SSG++ Creative Project)

Mar 2022 - Apr 2022

- Planning and organizing webinars, tryouts, and roadshows to promote Telkom University to high schools.
- Coordinating with high schools to schedule and arrange the events.

HONORS & AWARDS

Sidoarjo District Government Scholarships Awardee

Issued by Sidoarjo District Government

Sep 2022

Become one of 800+ Awardee Higher Education Academic Scholarships given by Sidoarjo District Government

Productzilla Talent Pool Awardee

Issued by Productzilla Academy

Aug 2022

Chosen to be the only apprentice who are channeled directly to companies that works with Productzilla

Second Best Ranked Student in Data Science PKS Digital School

Issued by PKS Digital School

Aug 2022

Become the second best ranked student after finishing 2 month Bootcamp in Data Science Bootcamp Batch 2 conducted by PKS Digital School

Highest Performer Employee Awardee

Issued by Solusi Teknologi Kreatif

Dec 2025

Awarded for outstanding performance, consistently meeting KPI targets, and proactively taking initiative to handle critical tasks beyond assigned responsibilities, contributing to the on-time completion of major projects.

PROJECTS

Thesis AI Assistant

<https://thesis-ai-assistant.vercel.app/>

Create **SkripsiAI**, platform for creating Thesis that using AI Tool Built-in and automate formatting document using **Anthropic API** built with **NextJS Typescript**, **Tailwind CSS**, and **Supabase**

ChatGPT Clone

<https://github.com/asrafmi/chatgpt-messenger>

Create ChatGPT clone using **OpenAI API** built with **NextJS Typescript**, **Tailwind CSS**, and **Firebase**

Web Portofolio

<https://github.com/asrafmi/emil-portofolio>

Create portofolio website built with **ReactJS** and **SCSS**

Diabetes Prediction

<https://github.com/asrafmi/prediksi-diabetes-fixed>

Create Smart Website that can predict whether user has a diabetes or not using Python