

Muhammad Ihsanul Afkar S.Kom

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Passionate web developer from Information Technology graduate. Proficient in developing dynamic web app using php and javascript frameworks. Have over 2 years of technical experience since college with events, comitee, and internship and recent 5 month as a professional. Able to collaborate with other team or division to deliver the best result.

EDUCATION

INSTITUT TEKNOLOGI SEPULUH NOPEMBER, Surabaya

September, 2024

Bachelor of Information Technology, GPA 3.61 (142 Credits)

WORK EXPERIENCE

PT Adma Digital Solusi, Surabaya

August 2024 – Now

Fullstack Web Developer

- Slicing design to code provided by UI/UX.
- Communicate with Technical Writer (TW) for feature and bug requests. Understanding what client needs.
- Develop and maintain projects with framework Laravel, Filament (Laravel), Next JS, and Express JS. Utilized Typescript in Node JS projects for easier code readability and maintainability.
- Handling database (PostgreSQL) structure and migration in each project. Ensure database version are same across all team developers to ensure consistency and minimize conflicts.
- Discuss with other team for solutions in unusual use cases and make a workaround for seamless system functionality.
- Appointed as mentor for interns. Providing guidance, lessons, best practices, and supporting them in real projects.

INTERNSHIP

Peduly (Yayasan Peduly Gotong Royong), Surabaya

Feb 2024 – May 2024

Front End Developer

- Maintain existing website and create new features using React JS as framework.
- Solving and discuss how to fix bugs and errors.

PT Adma Digital Solusi (MSIB Internship), Surabaya

Aug 2023 – Dec 2023

Web Developer

- Slicing design to code provided by UI/UX.
- Create web server ecosystem using Next JS as web framework, such as routing, authentication, middleware, file handling, and others.
- Integrate websites with API endpoints provided by Back-End (Express JS) server.

PROJECT & COMITEE

WhatsApp Gateway for MSME (College Final Assesment)

May 2024 – July 2024

- Build system to automate chat and implement chatbot. MSME's owner's whatsapp will be integrated to system for handling and tracking customer orders and chats.
- Develop three servers. Frontend using Next JS for admin. Backend using Express JS for whatsapp server and api. Chatbot server using python flask to run chatbot model.

- Build machine learning model to be used as chatbot using tensorflow with LSTM algorithm based on customer chats dataset. Achieved 97,75% of model accuracy.
- During real implementation, achieved 80% chatbot reply to be answered correctly.

Project Sprint Batch 2

May 2024 – June 2024

Participate in **project sprint** held by a senior software engineer within a month with total 4 projects with given api requirements for each project.

- Create a durable Rest API using golang and postgresql with raw query that can handle massive user (load tested) with ease.
- Create aws cloud services (ECR & ECS) to deploy projects in cloud and use Github CI/CD to automate deployments.
- Solve algorithmic problems in given requirements then apply to code.

A Renewal Agent 4.0

Oct 2022 – June 2023

Chief of Website Development

- Decide framework, programming language, and team division.
- Maintain hosted server and database. Ensuring continuous uptime.
- Assign tasks to team and monitoring.

Smart Agriculture Fishing

Aug 2022 – Nov 2022

Associated with Institut Teknologi Sepuluh Nopember.

- Built an IoT equipped with sensors to monitor water's quality of fish pond and send live data to a mini-PC via WiFi.
- Mini-PC displays the data in dashboard form in website localhost.

A Renewal Agent 2022

Jan 2022 – June 2022

Staff of Website Development Division

- Handling backend for forms, login-register, and dashboards of both user and admin.
- Manage codeigniter framework used for website

SKILLS

Programming languages: Javascript & Typescript (advance), PHP (advance), Python (Intermediate), Golang (Intermediate)

Frameworks: Laravel, Next JS, Express JS, TailwindCSS, Bootstrap,

Languages: Indonesia (native), English (advance)