

Jogi Arif Guruh Sitinjak

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I am a recent graduate with a Bachelor of Informatics degree, specializing in fullstack development, particularly in website development. I have a solid academic foundation in programming. I possess excellent communication skills and a passion for continuous learning and growth in the field of technology. I am eager to contribute and grow alongside a dynamic team.

Experiences

Del Institute of Technology - Toba, North Sumatra

Jan 2023 - May 2023

Assistant Lecturer (Software Engineering)

- Guiding students through fundamental software engineering concepts, ensuring they can apply their knowledge in practical projects.
- Providing comprehensive lessons on the software development lifecycle (SDLC), emphasizing the importance of each stage.
- Explaining each phase in SDLC, from requirement gathering and design to testing and post-deployment maintenance.
- Proven success in teaching, with all students achieving satisfactory or higher grades

Digitalent - Remote

Mar 2023 - Apr 2023

Trainee

- Gained in- depth knowledge of HTML, CSS, JavaScript, Git, and various CSS frameworks such as Bootstrap, Sass, and Tailwind through comprehensive training sessions, covering both foundational and advanced concepts.
- Successfully developed and completed two full projects during the training, applying the skills learned in real-world scenarios.

Kampus Merdeka (Hacktiv8) - Remota

Aug 2022 - Dec 2022

Trainee

- Undertook independent studies in web development, dedicating time to mastering HTML, CSS, and JavaScript in order to create innovative and responsive websites that provide a seamless user experience across various devices, such as mobile, tablet, and desktop.
- Successfully completed four projects where I applied skills in API Consumption to integrate external data and JavaScript DOM Manipulation to create dynamic, interactive websites that respond to user input in real-time.
- Developed a strong understanding of Form Handling and Validation, ensuring that forms are not only interactive but also secure, while also learning to use Git for version control, which facilitated efficient project management and collaboration.
- Enhanced my knowledge of Responsive Design, enabling me to make websites adaptable to different screen sizes, while simultaneously honing my problem-solving abilities and design skills through practical, real-world projects.

Coordinating Ministry for Maritime Affairs and Investment of the Republic of Indonesia - Remote Jun 2022 - Aug 2022
Intern (Front-end Developer)

- Successfully completed an internship in the frontend field, where I was involved in developing engaging and responsive user interfaces (UI) to enhance the overall user experience.
- Utilized HTML, CSS, and JavaScript during the internship to create interactive and visually appealing web applications.
- Successfully developed a website called "Go Green," which provides information on the health conditions of forests throughout Indonesia, showcasing my ability to apply learned skills in a real-world project.

Education Level

Del Institute of Technology - Toba, North Sumatra Aug 2019 - Sep 2023
Bachelor Degree in, 3.39/4.00

Organizational Experience

General Election for the Chairperson and Vice Chairperson of the Informatics Study Program - Toba, North Sumatra Aug 2020 - Jul 2022
Vice Chairperson

Department of Religion and Social Affairs at Del Institute of Technology - Toba, North Sumatra Aug 2020 - Jul 2022
Member

Multimedia Division in the General Election of Chair/Vice Chair of the Informatics Study - Toba, North Sumatra Jul 2020 - Aug 2020
Member

Skill

- **Backend:** Java | Spring Boot | Spring Security (JWT) | RESTful APIs | SQL for databases | JPA/Hibernate | Microservices Architecture | Git | Docker
- **Front-end:** JavaScript | React | Redux | React Hooks | Routing | Tailwind CSS | Axios | Vite | Responsive
- **Mobile:** JavaScript | React-Native | Redux | React Hooks | Routing | Native Wind | Axios | Expo | Lottie Animations

Portofolio

AduWave - Bimbel Kita

May 2024 - Aug 2024

- Developed an application called EduWave, designed to provide a simple and secure solution for managing tutoring fee payments.
- The application enables students and parents to handle payments online with fast and secure transaction processes, enhancing convenience and efficiency.
- Utilized Spring Boot for the backend, ensuring high performance and reliability in data management and processing.
- Employed React JS to create an interactive web interface for the frontend, enhancing user engagement and experience.
- Built a mobile version using React Native, allowing users to make payments conveniently via Android and iOS devices.
- EduWave aims to offer an efficient and trusted payment solution within the education sector, streamlining financial transactions for tutoring services.

Portal Web HPC - Del Institute of Technology

July 2022 - May 2023

- Developed a Graphical User Interface (GUI) aimed at simplifying interaction with High-Performance Computing (HPC) servers, allowing users to access and manage resources without relying on command-line operations.
- Designed the application to enhance user experience, making interactions more intuitive and user-friendly for managing HPC tasks.
- Built the application using the Laravel framework, which provides a structured approach to managing tasks on the HPC server effectively.
- Implemented features that facilitate job submission to the HPC server, enabling users to easily submit their computational tasks.
- Included job monitoring capabilities, allowing users to track the status of their submitted jobs in real-time.
- Collaborated with the DiTenun team to ensure the solution meets the specific needs of the startup in utilizing HPC, thereby enhancing the efficiency of running computationally intensive tasks in an organized manner.

GoGreen - Coordinating Ministry for Maritime Affairs and Investment of the Republic of Indonesia Jun 2022 - Aug 2022

- Participated in a team project to create a website focused on environment and forestry, aimed at providing the public with valuable information about environmental and forest conditions in Indonesia.
- Acted as a front-end developer, responsible for ensuring the website's design and functionality aligned with the agreed specifications, enhancing user experience.
- Collaborated with team members to implement features and design elements that effectively communicate the website's message and objectives.
- Focused on creating a visually appealing and user-friendly interface, contributing to the overall success of the project in raising awareness about environmental issues.

- Completed a project assigned in the Del Institute of Technology MPPL course, which involved creating a question and answer forum website focused on programming, similar to platforms like Stack Overflow.
- The website features various programming exercises akin to those found on W3Schools, along with additional functionalities to enhance user engagement and learning.
- Contributed as part of the front-end team, where I was responsible for designing the entire user interface using HTML, CSS, JavaScript, and Bootstrap.
- Focused on creating an intuitive and visually appealing design that facilitates easy navigation and interaction for users seeking programming-related questions and exercises.