Muhammad Ali Yusuf

Fresh Graduate Informatics Engineering at Trunojoyo Madura University

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SUMMARY

Recent computer science graduate with extremely motivated to continuously develop skills and grow professionally. Skill in Javascript and PHP, and also interest in various Software developments including those related to Cloud Computing and Web Development. Seeking to leverage my technical and problem-solving skills to contribute to a dynamic software development team.

WORK EXPERIENCE

Pusat Kajian Maritim untuk Kemanusiaan
Web Developer   **January 2024 - Februari 2024**

- Successfully redesigned and developed a new website layout from an existing platform, enhancing user experience and visual appeal.
- Utilized WordPress and various plugins to create a dynamic and functional platform, ensuring integration with existing content management systems and optimizing website performance.
- Created a responsive design to enhance mobile user engagement and cross-platform compatibility.

Core Initiative
Front-End Developer Intern   **May 2023 - June 2023**

- Used a mobile-first approach to create a responsive interface that adapts to different screen sizes.
- Implemented Vue Framework, CI/CD Tools such as Docker, and Unit Testing using Jest.
- Utilized data fetching from a public API (Fake Store API) to develop a dynamic e-commerce slide catalog website using Vue.js for the final project.

EDUCATION:

Trunojoyo Madura University
Bachelor of Computer Science

GPA : 3.51

VOCATIONAL COURSE

Indosat Ooredoo Hutchison Digital Camp
Front-End Learning Path   **September 2023 - December 2023**

- Developed 2 projects, the first is a professional portfolio and the second is a bookshelf app utilizing web storage API, both are web-based and built using HTML, CSS, and Javascript.
- Acquired expertise in creating SEO-friendly and responsive websites, ensuring optimal visibility and user experience across various devices.

Bangkit Academy led by Google, Tokopedia, Gojek, & Traveloka
Cloud Computing Learning Path   **February 2022 - July 2022**
Average Score: 90.6

- Learned Web Development and Google Cloud Technology with its use in solving a cloud problem.
- Learned several Soft Skill modules provided by Kalibrr which include, digital branding, time management, critical thinking, persuasive leadership, professional communication, and adaptability.
- Actively involved in the capstone project, focusing on DevOps tasks including building, deploying, and integrating a back-end system with several services on the Google Cloud Platform, etc.

ORGANIZATIONS

Google Developers Group Surabaya (GDG SURABAYA)
Volunteer   **2023 - 2024**

Part of the Google DevFest Surabaya 2023 & Google I/O Extended Cloud Surabaya 2024 Organizing Committee. Responsible for ensuring that the equipment needs of an event are met. Include planning, data collection, vendor research, procurement, provision, maintenance, and return.

Google Developer Student Clubs Universitas Trunojoyo Madura (GDSC UTM)
Member   **2021 - 2022**

Actively participated in group discussions, promoted online events during the pandemic, offered help and support to other members, and provided feedback and suggestions to improve the community.

VOLUNTEER EXPERIENCE

Google Cloud collaborated with Dicoding
Google Cloud Facilitator   **May 2023 - July 2024**

- Helping, assisting, and facilitating 147 students to learn Google Cloud Platform in Google Cloud Arcade Indonesia 2024.
- Collaborated with Google Cloud and Dicoding teams to create a conducive learning environment for participants.
- Recognized as top 8 facilitator status with the highest performance based on participant badge completion among 120 selected facilitators.

LICENSES AND CERTIFICATIONS

Google Project Management
Pusbang Proserti Kementerian Komunikasi dan Informatika Republik Indonesia   **July 2024**

Belajar Prinsip Pemrograman SOLID
Dicoding Indonesia   **February 2024**

Belajar Dasar Structured Query Language (SQL)
Dicoding Indonesia   **February 2024**

Belajar Fundamental Front-End Web Development
Dicoding Indonesia   **November 2023**

Menjadi Google Cloud Architect
Dicoding Indonesia   **August 2022**

Architecting with Google Compute Engine Specialization
Coursera   **May 2022**

Belajar Dasar Git dengan GitHub
Dicoding Indonesia   **May 2022**

Belajar Membuat Aplikasi Back-End untuk Pemula dengan Google Cloud
Dicoding Indonesia   **March 2022**

Belajar Dasar Pemrograman JavaScript
Dicoding Indonesia   **March 2022**

PROJECTS

Bookshelf Web App Using Web Storage API   **October 2023**

This project allows users to journal their reading lists. It includes features for adding book data to shelves, moving book data between shelves, and deleting book data from shelves. Leveraging Web Storage API such as local storage to keep book data from users.

Jaro Winkler Distance for Spelling Correction Using Multiprocessing in Tourism News Search System   **September 2022 - March 2023**

This project is implemented in the search engine of a web-based tourism news portal application to correct misspelled keywords entered by users and determine the relevance of generated keyword suggestions according to the dictionary based on system calculations. Utilizing multiprocessing to optimize system execution time due to the large size of the dictionary dataset. UI in this application is designed using bootstrap, for the server itself using python framework (flask).

Lakon: Identify Wayang with Your Phone   **May 2022 - June 2022**

A mobile-based wayang education application to support cultural preservation and introduce wayang to the younger generation. This app has a scan feature with camera or photo from gallery to identify wayang characters and provide information about various wayang characters through their unique characteristics. In this project, responsible for handling DevOps tasks such as building, deploying, and integrating a back-end system with several services on the Google Cloud Platform, creating API development with Firebase, and building a non-relational database using Cloud Firestore.

OTHER

Main Technical Skills: JavaScript, VueJS, PHP, Laravel, HTML, CSS, Bootstrap, Tailwind, MySQL, Git, Google Cloud Platform
Languages: English, Bahasa Indonesia