

Achmad Raja Qodli Zaka

Software Engineer

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Professional Summary

Fresh graduate with experience in software development. Likes challenges and new things. Has skills and experience with Laravel, React JS, RDBMS, and Git version control systems.

Work Experience

IT Support, SMK Setiabudhi Semarang

Semarang, Jawa Tengah, Indonesia | January 2024 - December 2024

- Build and maintain SMK Setiabudhi Green School website using WordPress
- Improve website security and traffic through SEO management
- Responsible for computer maintenance and repair
- Manage and maintain SMK Setiabudhi network

Fullstack Developer, JuraganCOD

Kota Semarang, Jawa Tengah, Indonesia | October 2023 - November 2023

- Migration of old website to new website with focus on security and availability
- Converting code from CI3 to CI4
- Creating transaction menu features, tickets, claim tickets, problematic packages, and others
- Changing the appearance of the old website to the new website with improved user experience
- Refactoring code according to the rules
- Implementing page load optimization with PostgreSQL database queries.
- Implementing agile scrum methods

Backend Developer Intern, Social Economic Accelerator Lab (SEAL) AWS

Kota Semarang, Jawa Tengah, Indonesia | August 2022 - December 2022

- Implementing Laravel MVC concept for Semarang Technopark project
- Building 68 Restful API endpoints integrated with frontend
- Building Authentication and Authorization using JWT Auth for data security
- Creating technical documentation
- Designing, implementing, and optimizing the entire database
- Implementing relational database with MySQL
- Implementing AWS Cloud Architecting

Staff IT Intern, Diskominfo Kota Semarang

Semarang, Jawa Tengah, Indonesia | November 2021 - January 2022

- Analyze and develop datasets on the Semarang Satu Data website
- Input and process data from the Semarang City Service on the website
- Analyze trends and create new datasets to be displayed on the website

Education

Bachelor Degree, Pendidikan Teknik Informatika dan Komputer

Universitas Negeri Semarang, Semarang, Jawa Tengah, Indonesia | 2024 GPA: 3.59

High School, Ilmu Pengetahuan Alam

MAN Demak, Demak, Jawa Tengah, Indonesia | 2019

Skills

PHP, Javascript, HTML, Python, Laravel, React.js, WordPress, PostgreSQL, RDBMS, Git, Teamwork

Certifications

- AZ-900: Azure Fundamentals from Microsoft
- SC-900: Security, Compliance, and Identity Fundamentals from Microsoft (January 2022)
- AWS Academy Cloud Architecting from AWS Academy (January 2022)
- Responsive Web Design Certified from Freecodecamp
- Balai Latihan Kerja: Software Komputer

Projects

Portfolio Web

Portfolio website built with ReactJS to introduce my profile and skills to recruiters.

achmad-raja.vercel.app

SMK Setiabudhi Green School

Website built with Wordpress for SMK Setiabudhi Green School project which teaches about sustainable lifestyle.

smksetiabudhisemarang.sch.id

Cassava Leaf Disease Classification

The final project is a website to predict cassava leaf diseases based on leaf texture and color using the Python programming language and the Convolutional Neural Network (CNN) algorithm.

JuraganCOD

A website built with Laravel and Reactjs to make it easier for e-commerce sellers in Pekalongan City to send packages integrated with all shipping services in Indonesia.

juragancod.com

Semarang Technopark

A website built with Laravel and Reactjs that provides information on workshops/seminars, startup incubation programs, coworking spaces and equipment rentals for all students, college students and the general public domiciled in the city of Semarang.

Belajarin Aja

An LMS website deployed using Microsoft Azure Services that provides information about learning materials and assignments that can be accessed by teachers and students.

MyMoney

A website built with React Js to manage finances with a display that is easy for users to understand.

Awards

- Juara 1 Essay Competition GEMASTE from Teknik Elektro FT UNNES (October 2021)
- Best Poster Essay Competition GEMASTE from Teknik Elektro FT UNNES (October 2021)

Languages

- Bahasa Indonesia – Native
- English – TOEFL score: 450