

# Achmad Raja Qodli Zaka

## Software Engineer

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### Professional Summary

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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

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#### 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

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#### Bachelor Degree, Pendidikan Teknik Informatika dan Komputer

Universitas Negeri Semarang, Semarang, Jawa Tengah, Indonesia | 2024

#### High School, Ilmu Pengetahuan Alam

MAN Demak, Demak, Jawa Tengah, Indonesia | 2019

### Skills

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

## Certifications

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- 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

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### Portfolio Web

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

[achmad-raja.vercel.app](https://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](https://smksetiabudhisemarang.sch.id)

### Cassava Leaf Disease Classification

The final project of the lecture 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](https://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

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

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- 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

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