Ega Prabu Pamungkas

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Profile

I'm a software developer with over a year of experience building scalable backend RESTful APIs, using Laravel and Java Springboot, and crafting intuitive frontend applications using React and Flutter for Mobile Application. I thrive on solving complex problems and delivering seamless user experiences.

Experience

Bank Jatim | Surabaya
Fullstack Developer under PT Duta Griya Sarana | 06/2024 - Present

PT Duta Griya Sarana is one of many vendors of Bank Jatim that specializes in outsourcing services and human resources management. I was placed in Bank Jatim under Learning Center division of Human Capital.

- Develop Administration System for Learning Center Subdivison for managing over 100 training events per year using Laravel and React
- Develop Employee Application for accomodating more than 7 main functionalities, including paid leave submission, leave permit, hospital care, and others using Java Springboot and Flutter.
- Develop CI/CD using Docker and utilising Gitlab features for smoothing the team development workflow.
- Help other administrative tasks using Python or C# script, such as building Certificate Scanner utilising OCR with PyTesseract and Document Uploader Bot using NodeJS and C# with Selenium.

BTPN Syariah X Rakamin Academy | Remote
Project-Based Virtual Interns Fullstack Developer | 04/2024 - 05/2024

The Project-Based Internship BTPN Syariah X Rakamin Academy is a program designed to learn the role of a Full Stack Developer at Bank BTPN Syariah, along with the skills and tools used, such as JavaScript, MySQL, Git, and more. At the end of the program, there will be a case study project to create a Backend API.

- Build RESTful API Photo Manager using Golang with Authorization using JWT Token and input validation

Bangkit Academy led by Google, Tokopedia, Gojek, & Traveloka | Remote
Cloud Learning Path | 02/2022 - 11/2022

- Learn about cloud computing services in GCP, such as Compute Engine, Storage Bucket, and Managed Database in GCP.
- Build RESTful API for a Machine Learning based Application using Hapi.js, Firebase, and deployed it using App Engine Platform

Institut Teknologi Sepuluh Nopember | Surabaya
DevOps Intern | 09/2022 - 10/2022

One of the lecturers in Computer Engineering is conducting research titled "Development of a System for Determining Blood Clot Volume in Deep Vein Thrombosis Based on Three-Dimensional Ultrasound Imaging," where I worked as an intern in the DevOps division.

- Develop CI/CD using Docker and Github Actions for backend and frontend development flow
- Build web server and managed database using Nginx and PostgreSQL in Digital Ocean Platform

Insitut Teknologi Sepuluh Nopember | Surabaya
Data Structure's Teaching Assistant | 02/2021 - 06/2021

- Teaching assistant in a 30 student class
- Mentor for groups of 5 student
- Make more than 10 data structure programming question for student's evaluations

Projects

E-Human Capital

Employee Application for Bank Jatim. I was responsbile in redesinging and developing the backend side of the application using **Java Spring Boot**

- Designing application ERD and user use-cases with more than 7 main services
- Developing main services utilising SOLID principle
- Integrating the backend with Swagger for API Documentation
- Designing and developing the application authentication flow using JWT on the backend side
- Develop CI/CD using Docker and utilising Gitlab features for improving the team development flow
- Designing and develop the authentication flow on the frontend side

Administration System of Learning Center (LACI)

Lone developer designing and developing the front-end and backend of application using ReactJS and Laravel

- Monitoring system for over 100 training events per year
- Participants and file manager for each training events, also equipped with monitoring system for administrator
- Budget monitoring system with dynamic type of budgets and budget details
- Dashboard training with query based filtering
- Certification monitoring system for over 2000 employees
- Guidebook for the website usage

Recruiter Assistant

Decision Support System for Recruitment on RuangKarir Double Track Using *Simple Additive Weight (SAW)* and *Analytical Hierarchy Process (AHP)* methods. This decsision support system (DSS) is used to help recruiter with filtering for employee candidate where the system can help determine the best candidate based on criteria or sub-criteria weight specified by the recruiter.
- SAW method is based on the weight each criteria or subcriteria that is specified by the recruiter
- AHP method is based on importance or priority of each criteria and subcriteria with other criteria or subcriteria

Education

Institut Teknologi Sepuluh Nopember | Surabaya, Indonesia
Informatics Engineering | 04/2024
- Graduated with 3.7 GPA (IPK)

SMAN 02 Madiun | Madiun, Indonesia
Science | 07/2019
- Placed 3rd on City Level (Madiun) of National Computer Science Olympiad (OSN Komputer)

Skills

Java, Spring Boot, PHP, Laravel, Javascript, ReactJS, Node.js, Python, C#, Go, Docker, Git, SQL Server, MySQL, NGINX, Apache

Certificates

TOEFL ITP (Score: 610)