

Rachmad Alif Firdaus

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Kota Surabaya, Indonesia

Summary

Professional Web & Mobile Developer | 6+ Years of Experience

Skills

Javascript, Java, ReactJS, React Native, Kotlin, Node.js, GraphQL, Git, NextJS, MySQL, Firebase, Flutter

Experience

Web and Mobile Developer

PT Garasilabs Kolektif Teknologi • Surabaya, East Java

02/2017 - Present

A software house specializing in custom software solutions, I contributed to various projects as a frontend developer. My job is developing and maintaining software and AI application for the company.

- **Sightseeing web app:** A web application for **discovering and booking tourist destination**. built with **HTML, Javascript, SASS, CSS, Node.js**
- **Restaurant Ordering System:** the restaurant system that can order and reservation through the app. the app is integrate with another platform. The apps build with:
 - **Admin web page:** **React.js, Material UI, Graphql, Rest API**
 - **Customer app:**
 - **Android:** **Kotlin, Graphql, Firebase**
 - **iOS:** **React-native, Javascript, Graphql, Firebase.**
 - **Waiter app:** **Android, Kotlin, Graphql, Firebase.**
- **Vessel Admin Web Page:** A web page to order quotes between vessel owner and customer . Built with **React.js, Material UI, Node.js, Graphql.**
- **Attendance System:** A comprehensive employee attendance and work management system. The system consists of scheduling, leave and holiday determine, real-time company performance metrics, and daily bulletin updates. Advance feature still under development, user can ask some info by AI. The app built with:
 - **Admin web app:** **React, Firebase, Material UI, Graphql.**
 - **Employee app:** **iOS, React-native, Firebase, Graphql**
- **Single Sign-On SIAKAD Online:** Create a SSO for poltekkes surabaya. The system with allow user to access multiple apps using single set of credential. The app built with **Keycloak, Postgres**

Freelance Developer

Revinz • Freelancer • Surabaya, East Java

08/2021 - 01/2025

My side job as freelancer.

- **Smart autoclicker: Modified an open-source application** (Klick'r, formerly Smart AutoClicker) according to client requirements. The application is designed to automate repetitive tasks through image detection and auto-clicking functionalities, serving various use cases from gaming automation to testing and general task automation. Enhanced and customized features for sophisticated automation while maintaining the application's core functionality for both image-based detection and regular auto-clicking modes. the app builtwith **Kotlin**
- **Revinz: A document scanning application with automatic edge detection and cropping capabilities** for both camera capture and gallery images. Implemented advanced **image processing features including contrast adjustment, brightness control, grayscale conversion, and threshold settings** to enhance document visibility. Integrated **OCR (Optical Character Recognition) functionality for text extraction** from scanned documents. The app built with **Kotlin**
- **Pan Esge: Data collection** of elementary and junior high school teachers and students across public schools in Surabaya from Pan Esge. The app built with **Visual basic, Microsoft Access**

Software Developer

PT Angkasa Mulya Trading • Surabaya, East Java

10/2016 - 01/2017

Developing and maintaining software applications for the internal company. Rearranged and managed app using **SVN**, maintaining a clean and organized version control system. The app built with **C#**, **SQL Server**

Education

Bachelor of Technology

Institute Technology Adhi Tama Surabaya • Surabaya, East Java

12/2015

Certificates

Flutter Developer Fundamental by Dicoding, Android Developer Expert by Dicoding

Awards

Top 15 Innovative App for Hackathon IWIC 10 year 2016