Ilham Arifin

+6285158465119 · Pekanbaru, Riau, Indonesia · ilhamarifinwork24@gmail.com
https://ilhamarifin.com/· https://github.com/iamfinnz

ABOUT

Bachelor of Applied Engineering graduate from Politeknik Caltex Riau, specializing in Informatics Engineering. Hold certification as an Programmer from BNSP and Mikrotik Certified Network Associate. Cultivated a strong interest and passion for Web Development, Cloud Computing, and Mobile Development in general. Enthusiast about leveraging website and open-source technologies.

SKILLS

Web Development
- Laravel, CodeIgniter, PHP, Javascript, Golang, HTML, CSS, Bootstrap, MySQL, PostgreSQL, Oracle

Cloud Computing
- Linux, Google Cloud, Alibaba Cloud, AWS Cloud, Docker, Kubernetes, Ansible, Python, NodeJS, GitHub

Mobile Development
- Java, Kotlin, Flutter, Firebase

EXPERIENCE

IT Programmer Rumah Sakit Sansani   **May - Nov 2024**
Work

While working as an IT Programmer at Rumah Sakit Sansani, I had the following responsibilities:
- Developing the rssansani.co.id website from scratch and ensuring its smooth operation.
- Developing a patient satisfaction survey system to gather feedback on existing services and areas for improvement.
- Developing an HRIS system that allows employees to clock in and out using their location and IP address.
- Developing a patient bed management system for Rumah Sakit Sansani.
- Collaborating with vendor to implement BPJS bridging with Rumah Sakit Sansani and ensuring a smooth and successful implementation.
- Handling and managing SIMRS is running well at Rumah Sakit Sansani.
- Installing and managing the network, computers, printers, CCTV, and PABX telephone system at Rumah Sakit Sansani.

Bangkit Academy 2022 by Google, GoTo, Traveloka   **February - July 2022**
Internship

Attending Cloud Computing Independent Study program that were provided by Bangkit Academy 2022 and Kampus Merdeka
During this program, I have accomplished the following:
- Developed and presented a comprehensive business proposal for migrating from on-premise servers to the cloud.
- Calculated and presented accurate cost estimates for the cloud migration, including infrastructure, software, project management, and operational expenses.
- Designed an optimal and scalable cloud architecture to meet current and future business needs.
- Identified and recommended suitable cloud services, including Software as a Service (SaaS), Infrastructure as a Service (IaaS), and Platform as a Service (PaaS).
- Collaborated effectively with internal and external technical teams and the IT Instructor
- Measured and tracked the success of the cloud migration project based on predefined parameters, including improved performance, reduced operational costs, and enhanced data security.

PROJECTS

Sistem Peminjaman Ruangan Politeknik Caltex Riau (2023)

A system that can be used to determine the availability of classrooms, borrow classrooms and manage classroom borrowing data at the Politeknik Caltex Riau.

- The system was developed on two platforms, namely Android application and Website.
- The Android application is useful for students to find out the availability of classrooms (available/used), borrowing rooms, verifying borrowing rooms, and returning borrowed rooms.
- Android applications are developed using Kotlin, Java, Firebase. In the application there is a student verification process using KTM which utilizes OCR. This OCR is implemented in the form of an API that is consumed by Android applications.
- The website is used by the Staff BAAK Politeknik Caltex Riau to approve or reject class room borrowings by students and manage class room borrowing data.
- Website developed using Laravel, PHP, HTML, CSS, Javascript, Bootstrap, and Firebase.

Acnetect (2022)

An Android application that can detect the type of acne and provide an initial diagnosis so that acne can be treated appropriately before it occurs further action.

- This type of acne detection system was developed using Deep Learning and CNN.
- I am responsible for integrating deep learning models in Android applications, user authentication, databases and content available in the application.

E-commerce Sepatu (2021)

A shoe sales website that users can use to search for shoes and make shoe purchasing transactions quickly and easily.

- The website consists of 2 user roles, namely admin and customer
- Website developed using CodeIgniter, PHP, HTML, CSS, Javascript, Bootstrap and MySQL.

EDUCATION

Politeknik Caltex Riau

Bachelor of Applied Engineering, Informatics Engineering
August 2019 - October 2023
GPA : 3.60

SMA Negeri 1 Lubuk Dalam
IPA

ORGANIZATION

Computer Security Incident Response Team Politeknik Caltex Riau
Vice President
2020 - 2021

Information Technology Student Association
Member
2019 - 2023

ACHIEVEMENT

1st Winner CloudCamp 2024 Hackathon by IDCloudHost
- Build an MSME landing page using wordpress in one night

CERTIFICATIONS

Certificate of Competence - Programmer
Badan Nasional Sertifikasi Profesi
Aug 2023

Mastering Laravel 8: Bikin Website Jual Furniture
Buildwithangga
Mar 2024

MikroTik Certified Network Associate
Mikrotik
Jan 2022

CCNAv7 : Switching, Routing, and Wireless Essentials
Cisco
Aug 2021

CCNAv7 : Introduction to Networks
Cisco
Feb 2021

Pendahuluan Tentang Keamanan Cyber
Cisco
Feb 2020

Architecting with Google Compute Engine Specialization
Coursera
Apr 2022

Automation with Ansible
ADINUSA
Apr 2022

Docker for DevOps
ADINUSA
Mar 2022

Linus System Administration
ADINUSA
Mar 2022

Google Cloud Skill Boost: Badge and Specializations
Google Cloud Skill Boost
Mar 2022

Belajar Dasar Pemrograman JavaScript
Dicoding
Mar 2022

Belajar Membuat Aplikasi Back-End untuk Pemula dengan Google Cloud
Dicoding
Mar 2022

Belajar Dasar Pemrograman Web
Dicoding
Feb 2022

Belajar Dasar Git dengan GitHub
Dicoding
Jan 2022

Memulai Pemrograman Dengan Java
Dicoding
Jan 2022

Memulai Pemrograman Dengan Python
Dicoding
Jan 2022

Belajar Dasar Google Cloud
Dicoding
Des 2021

Cloud Practitioner Essentials (Belajar Dasar AWS Cloud)
Dicoding
Des 2021

Membuat Aplikasi E-Learning di Android menggunakan Realtime Firebase
CODEPOLITAN
Jan 2022