IQBAL BAGUS SATRIAWAN

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SUMMARY

I am an Informatics student at UPN Veteran Jawa Timur specializing in web and cloud-based application development. Proficient in Python, JavaScript, PHP, and tools like Node.js, React.js, Laravel, Flask, and Google Cloud Platform, I excel in API development, backend/frontend optimization, and cloud computing. A detail-oriented and adaptable learner, I am committed to delivering innovative technical solutions and effectively solving complex challenges.

EDUCATION

Universitas Pembangunan Nasional Veteran Jawa Timur   **August 2022 - Present**

Undergraduate in informatics engineering   **GPA** : 3.87

Learning about : Algorithm; Data Structures; Networking and Operating System; Object-Oriented Programming; Database; Web Programming.

EXPERIENCE

Bangkit Academy Ied by Google, Tokopedia, Gojek, & Traveloka – Bandung, Indonesia   September 2024 – December 2024

Cloud Computing Learning Cohort

Bangkit Academy is one of the Kampus Merdeka partners led by Google, Tokopedia, Gojek, and Traveloka, designed to equip Indonesian students with cutting-edge technological skills aligned with modern industry needs. Experience During Bangkit 2024 Batch 2 – Cloud Computing Learning Path:

- Cloud Technology: Gained knowledge in designing, implementing, and managing cloud-based solutions using Google Cloud Platform (GCP).
- Backend Development: Built APIs using Express.js and Flask with best practices for scalable and efficient solutions.
- Machine Learning: Acquired experience in applying machine learning models for innovative solutions.
- Capstone Project: Integrated cloud technology and machine learning into the final project.
- Soft Skills: Developed time management, problem-solving, and cross-disciplinary team collaboration skills.

Ikatan Mahasiswa Magetan di Surabaya (IMMS) – Magetan, Indonesia   August 2023 – August 2024

Event division

Organization established by and for student from magetan who are pursuing their education in Surabaya, as well as provide academic, social, and cultural support for students living away from home in Surabaya.

- Planning and handling upcoming event activities
- Coordinate with other divisions in the organization to ensure all preparations run smoothly and determine the appropriate event schedules and location

Magetan Campus Expo (MCE) 2024 – Magetan, Indonesia   January 2024 – February 2024

Equipment and logistics division

Annual event aimed at introducing various study programs and higher education institutions to the community, especially high school students in Magetan city. This event also aims to provide up to date information about lectures, scholarships, and career opportunities in various fields to prospective students.

- Responsible for the availability of equipment and logistics
- Responsible for equipment placement arrangements, equipment testing, and equipment storage and return
- Streamlined logistics operations, ensuring 100% availability of resources for over 500 attendees

SKILLS

Programming Languages : JavaScript, Python, PHP, Java

Frontend Development : React.js

Backend Development : Node.js, Express.js, Laravel, Flask

Cloud Computing : Google Cloud Platform (Cloud Run, Cloud Storage, Cloud SQL, VM Instance, Firewall, Cloud IAM)

Machine Learning : TensorFlow

Development Tools : Git, Docker, Postman, and Visual Studio Code

PROJECTS

GlucoGuide   October 2024 – December 2024

Glucoguide is an innovative application developed as the final project for Bangkit 2024 Batch 2. Designed to classify diabetes risk levels, it leverages user input data to provide accurate insights and empower proactive health management. Developed backend systems using Express.js and Flask, integrated with TensorFlow for machine learning predictions, deployed on Google Cloud Run.

Portfolio website   January 2025 – January 2025

A portfolio website with a clean, modern design using a minimalist aesthetic. It features a sticky navbar, a hero section with a call-to-action, and a grid-based project showcase with hover effects. The soft color palette, responsive typography, and smooth animations ensure a professional and user-friendly experience across all devices.

Clinic Management System   May 2024 – June 2024

Clinic Management System is a Java Swing-based GUI application that streamlines clinic operations, including patient registration, medical records management, consultation scheduling, medication inventory, and sales transactions. It offers tailored features for receptionists, doctors, pharmacists, and patients to enhance efficiency and simplify clinic management.

Web Scraping Program   February 2024 – May 2024

A program design for web scrapping with python that can automatically collect data as required.

LANGUAGES

- Indonesia (Native proficiency)
- English (Limited working proficiency)