Afrizal Sebastian

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About Me

My name is Afrizal Sebastian, and I am a fresh graduate majoring Informatics/Computer Science at Bandung Institute of Technology. Currently, I am actively learning many things such as web development, backend services, cloud computing, and mobile development. My main interests lie in the field of Web Development and Software Engineering. I am eager to apply my knowledge and skills on practical projects as I believe that this hands-on experience is essential for continuous learning and growth.

Work/Internship Experience

eHealth.co.id (May 2023 - Present)
Junior Software Engineer Intern (May 2023 - Sept 2024)
- Implementation of features and bug fixes in electronic medical records.
- Implementation of features and bug fixes in clinic management.
- Participated in integrating the application with BPJS and SatuSehat.
- Implementation of document datarecap.
- Participated in the implementation of mobile friendly electronic medical records.

Bangkit Academy (August 2023 - January 2024)
Cloud Computing Cohort (August 2023 - January 2024)
- Learning about cloud and how to use it.
- Learning by doing cloud with Google Cloud Platform.
- Develop a product named *Diabetless* with a team.
- Successful on the Associate Cloud Engineer Certification test

Jagotes ID (Agustus 2023 - September 2023)
Frontend Web Developer Part-time (August 2023 - September 2023)
- Implement the new features ebook, exercise, and others.
- Implement the new tryout template.
- Implement the new website design.
- Fixing some bugs

Finplanid (December 2022 - December 2023)
Frontend Developer Intern (December 2022 - December 2023)
- Implementation of the new layout on the base website.
- Implementation of several new calculators on the website.
- Implementation of feedback dialog.
- Implementation of all securities.
- Last three months did some basic mobile app implementation with Flutter.

Education

Bandung Institute of Technology (2020 - Present)
Bachelor's Degree in Computer Science
- Member of the ITB Informatics Student Association (HMIF ITB)

- GPA : 3.67/4

SMAN 2 Balige Asrama Yayasan Tunas Bangsa Soposurung Balige (2017-2020)
Science Program
- Member of the Mathematics Olympiad team at SMA Negeri 2 Balige

Organizational Experience

Bandung Institute of Technology (2020 - 2024)
Member of the Volleyball Unit (2020 - 2024)
- Participating in activities organized by the Volleyball Unit.

Asrama Yayasan Tunas Bangsa Soposurung (2017 - 2020)
Head of the Dormitory Health Unit (2019 - 2020)
- Responsible for inspecting rooms and medications during the Dormitory Orientation for new students.

Project Portfolio

BUNCIS (Bunker Calculation & Identification System) Pertamina Kontinental

I played a key role in the development of Buncis, an automated ROB (Remain On Board) Calculation system deployed at Pertamina Trans Kontinental Surabaya Port, operating on both Web and Android platforms.

As a Web and Backend Developer, I utilized Odoo to craft robust RESTful APIs and a user-friendly web application. Collaborating with my backend team, we successfully:
- Integrated intricate business logic,
- Created responsive APIs for Android requests,
- Ensured the system's optimal performance over a span of approximately 3 months.
- Deployed the backend and web using VPS

Diabetless

The Diabetless is an app designed to assist individuals in preventing and managing diabetes. It addresses the significant issue of diabetes prevalence in Indonesia, attributed to unhealthy lifestyle choices and a lack of nutritional awareness. The app's primary objective is to empower users by promoting a balanced lifestyle while facilitating easy monitoring of blood sugar levels. It leverages technology to illustrate the impact of various foods on blood sugar, enabling informed dietary decisions.

In this project I became a back-end developer. My responsibilities include
- Building a robust REST API for the app.
- Integrate the back-end services with Machine Learning model.
- Create the cloud architecture and manage cloud resources in GCP.
- Deploy the backend services.

Certification

Google Cloud (March 2024 - March 2027)
Associate Cloud Engineer (March 2024 - March 2027)
- Pass the 50-60 item multiple choice proctored exam
- [Certificate](#)

Skills and Interests

Programming Languages	: **JavaScrip**t, **Typescript, Python**.
Databases	: **SQL** (MySQL, MariaDB, dan PostgreSQL), No-SQL (MongoDB)
Frameworks	: **VueJS, Tailwind**, **Quasar**, **ExpressJS,** ReactJS, Bootstrap.
Skills	: **Frontend Web Development**, **Backend Web Development**, **Flutter Developer**, **Odoo Developer**.