



# Joseph Gilbert Stalon Simarmata

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Date of Birth: 23-11-2001

## OBJECTIVE

I am a *Bachelor of Information Engineering* student at Gadjah Mada University who likes to work alone or in a team. I am proficient in using frameworks such as React and NextJS to build websites, because they make it easy to develop applications using JavaScript and React. Specifically, React is used to build the UI on websites, while NextJS is a framework that simplifies web application development with React. And I am also a mobile developer using the Flutter framework because cross-platform, so it makes it easier for me to develop mobile applications with 2 or more devices. Additionally, I possess expertise in designing user interfaces and experiences utilizing software such as Figma.

## EDUCATION

UNIVERSITAS GADJAH MADA | Yogyakarta, Indonesia

- Bachelor of Information Engineering, GPA : 3,36* August 2019 – November 2023

## CO - CURRICULAR ACTIVITIES & LEADERSHIP EXPERIENCE

Gerakan Mahasiswa Kristen Indonesia (GMKI)

- Organizational Functional Secretary* March 2021 – March 2022
  - Created, prepared and arranged project’s frameworks, rundown and monitored the course of events
  - Managed the activities of 50+ participants during the event

National Electrical Power System Competition (NESCO)

- Coordinator of Decoration.* October 2019 – March 2020
  - NESCO is an annual electrical power system competition held by KMTETI FT UGM and MAGATRIKA UGM.
  - Managed 5 members team to collaborate and responsible for all decoration needs of NESCO 2020.

## WORK EXPERIENCE

Information Technology Intern

- Ministry of Agrarian Affairs and Spatial Planning - Internship* January 2022 – March 2022
  - Internship in National Land Agency of Bekasi Regency in order to fulfill Industrial Internship Course in Gadjah Mada University.
  - Became a developer who created the office website using the React JS framework, database using mongodb and using MVVM as its architecture. Then our aim was to create the LAMPION website so that people could access land certificates without the need to come directly to the office.

## SELECTED PROJECTS

- DietAja App**
  - The mobile application (DietAja) is an application developed with the aim of providing practical solutions for users who want to manage diet programmes and easily find information about the types of food consumed according to their dietary needs, such as foods that have an illustration of the number of calories, carbohydrates, protein and fat.
  - This application uses the **Flutter** framework for the frontend, then uses **GetX** for state management in Flutter and uses **MVVM** as its architecture, then uses the **Laravel** framework for the backend system and **MySQL** for the database.
- Top Up Game**
  - This application is a top up game developed by a full stack developer. for the frontend itself converts **HTML** slicing into **Next.js** and for the backend uses **Node.js** in the process of routing, middleware, database integration to testing, and integration MidTrans to payment member page.
  - Written in **Next Js** for the front-end, **Midtrans** to make it easier for us to accept the following methods of payment, backend uses **Express.js**, and **MongoDB** is used for the database.
- Travel App**
  - This travel application was developed to make a mobile application more complex using the **Clean Architecture** method. This application has a search function for tourist attractions based on all categories, top ratings and search by tourist name.
  - This application uses the **Flutter** framework, with **Get\_It** as the API and database connector, **BLoc** as the front-end state management, **PHP** as the back-end, and **Paralax** for application animation.
- Weather App**
  - This capstone project develops a web-based clothesline closing system using DHT and raindrop sensors to detect rain. This system uses DHT sensors to measure the temperature and humidity of the air around the clothesline room and raindrop sensors to detect rain. The web application developed allows users to remotely control the closing of the clothesline using a device connected to the internet.

- Developing the website user interface using the **React Js** framework, and using the **Express Js** framework for the backend system, then the database using **MongoDB**, as well as the backend architecture for connecting APIs using the **REST API**.

PUBLICATIONS

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“Pengembangan Aplikasi *Mobile* Penyedia Kebutuhan Diet (DietAja) dengan Menggunakan *Framework* Flutter”

- Developing a mobile app is necessary for individuals who desire to manage and reduce their weight while considering their body structure. The app has tools to make a diet plan to manage weight, allot food and exercise portions based on user requirements, show nutritional percentages in the nutrition menu, issue notifications for diet program monitoring, display targets for weight progress, and supply a create food function for users to add menus.

SKILLS & INTEREST

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- **Languages:** Bahasa Indonesia (Native Proficiency), English (Beginner).
- **Computer:** Microsoft Word, Microsoft Excel, Microsoft PowerPoint, Google Workspace, Canva, Figma.
- **Programming languages:** JavaScript, Dart, Java, Kotlin, PHP, C, C++, HTML, CSS, Python.
- **Framework:** Laravel, Next Js, React Js, Android Studio, Flutter.
- **Skills:** Communication, Public Speaking, Leadership, Strategic Thinking, Project Management, Able to work in a team as well as independently, Adaptive.

CERTIFICATION

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- **Full-Stack Laravel Flutter Build e-Wallet Mobile Apps:** The class graduation certificate with BuildWithAngga.
- **Intermediate Python:** Completed classes from Datacamp.
- **AWS Academy Graduate - AWS Academy Cloud Foundations:** AWS Academy Cloud Foundations course.
- **Flutter Clean Architecture - Travel App Dev:** A certificate for the completion of a Flutter class using clean architectural code methods.