

Michael Timonuli

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EDUCATION

Indonesian International Student Mobility Awards

Aug - Dec 2024

Universidad de Granada, Spain (Spain Social Evolution and Geography, International Marketing and Management)

- GPA: 4/4;

Bachelor of Software Engineering

June 2021 - 2025

Surabaya University, Indonesia

- GPA: 3.5/4;

EXPERIENCE

Software Engineer

Feb 2025 – Juli 2025

Mbak Nonik Souvenir Store

Indonesia

- Created an website with PHP language in a Laravel framework, to manage Sales and Purchases. Used for managing transaction and data of the Inventory.
- The website is built to assist both employee and owner in managing their transaction, inventory, and employee regarding the store, so it could be managed easier and better.

Software Engineer

Feb 2025 – Juli 2025

University of Surabaya

Indonesia

- Created an application with C# language in a .Net framework, to manage boarding house for tenant and landlord. Used for managing transaction and data of the tenant and landlord of the boarding house.
- The application is built to assist both tenant and landlord in managing their transaction and data regarding the boarding house, so it could be managed easier and better.

Software Engineer

Feb 2024 – Juli 2024

University of Surabaya

Indonesia

- Created a website with Laravel framework, functioning as hotel management platform, where customer, employee, and admin could use it to accommodate their purchasing activity.
- The system is set to help manage the hotel staff in adding all the element that is necessary to run a hotel business well.

Software Engineer

Feb 2024 – Juli 2024

University of Surabaya

Indonesia

- Created a game platform using flutter that serve as a final project, and have the program run the given instruction.
- Led my team member to finish the project within the given time, with the program successfully pass the benchmark.

Software Engineer

Feb 2024 – Juli 2024

University of Surabaya

Indonesia

- Created a mobile apps using Kotlin that could help the user in scheduling their activities, while having no worries to forget their assignment.
- Have the program able to run its function without any possible error that could harm the user wellness.

Software Engineer

Sep 2023 - Des 2023

University of Surabaya

Indonesia

- Created a mobile apps using Kotlin that could create a list of movie where user could learn anything about those movie. This application is based on the concept of Imdb.
- Have the program able to serve its function quite well, by showing numerous movie, and the user could add more movie, and also search all the available movie detail that already existed.

Data Engineering

Sep 2023 - Des 2023

University of Surabaya

Indonesia

- Created a machine learning system that calculated a groups of student data and behavior using DbScan and Kmeans method with python.
- Have the system calculate their future GPA by providing the existing past data of the students.
- The system is able to pass the benchmark with a relatively high degree of accuracy up to 52%

Software Engineer

Sep 2023 - Des 2023

University of Surabaya

Indonesia

- Created a Website using php and Jscript to create a website to store the stories of users, while being able to edit and create their own stories.
- User also could search other users stories that had been added by other users and read them.
- Have the platform works as intended and pass the benchmark set by the professor.

Software Engineer

Sep 2023 - Des 2023

University of Surabaya

Indonesia

- Created a Website using IONIC framework to create a website to store movies and their details, such as actors, storyline, and etc.

- Users are also able to create a new movies or edit an existing one.
- The platform are able to pass the required benchmark to helps the users to easily search movies, creates or edits a movie with relevant details.

Software Engineer

Sep 2023 - Des 2023

University of Surabaya, Educoncept

Indonesia

- Created a Website using PHP and Jscript to create a website for an education organization.
- The website accommodates the users to store the teachers and the available courses offered by the organization.
- The users are able to see information regarding the organization whether the mentor, courses, and schedules. And the admin are able to edit and create a new information relevant to the organization.

Software Engineer

Mar 2023 - Juli 2023

University of Surabaya

Indonesia

- Created an application using C# to accommodate a banking process in the viewpoint of the customer, and employee.
- Application is able to provide the security that are set to protect the transaction created by the users.
- Employee could set the existing information about the users, and set a new user If needed.

Software Engineer

Mar 2023 - Juli 2023

University of Surabaya

Indonesia

- Created an application to process the activity in a hospital, as simple as contacting multiple users using Java language.
- Application is able to provide the service needed to contact open users and able to have users communicate with each other using the given connection by the created system.
- Application pass the marks set by the professor and are able to be used without a seemed error.

Software Design

Sep 2022 - Des 2022

University of Surabaya

Indonesia

- Designed an application that works as a food ordering platform, where user could be accommodated in their search.
- Create a flow on how the application would works, from many viewpoints, including system, user and developer.
- Lead a team of 7 member to successfully finish the design.

SKILLS

- **Programming Languages:** Java, JScript, Kotlin, C# (.NET, ASP.NET), PHP (Laravel), Angular(IONIC), Dart (Flutter), Python (Colab), SQL Database (MySQL), Postman, Linux, Unix
- **Tools:** Postman, VSCode, Katalon, Android Studio, Unity, Apache Netbeans, Google Colab, Sublime Text
- **Language:** Native Indonesian, Professional English, Limited Spanish
- **Interest:** Data Engineer, Big Data, IoT.

