

MUHAMMAD FARHAN

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SUMMARY

I am a third-year undergraduate student from Institut Teknologi Bandung majoring in Information System Technology (STI). I have interest and experience in Software Engineering on Backend Development and/or Full stack Development of Web and Mobile Apps. I strive to gain more experience and wish to utilize the knowledge for a better future.

EDUCATION

Institut Teknologi Bandung

August 2019 – Present

Major in Information System and Technology

GPA: 2.54

Coursework: Algorithm and Data Structure, Database Modeling, Database Management, Object Oriented Programming, Multimedia System, Integrated System Technology, Software Engineering, Probability & Statistics, Human Computer Interaction, Mobile Platform and Application Development.

ORGANIZATIONAL EXPERIENCES

HIMPUNAN MAHASISWA INFORMATIKA (HMIF)

April 2021 – Present

Senator Staff - Social and Political Issues Division

HMIF ITB is an organization consisting of ITB students with field studies in informatics.

- Regularly discusses Social and Political Issues with other staff from the division and be open-minded with it so that we can respect different opinions.
- Supported the HMIF election hearing so that the hearing goes well.

Wisuda Oktober HMIF

August 2021 – October 2021

Content Creator Staff.

Wisuda Oktober is a ceremony held by HMIF organization to congratulate fresh graduate members of HMIF.

- Making posters for Wisuda Oktober ceremony.
- Creating a background photo for a video conference ceremony.

ASSISTS ITB

April 2021 – December 2021

Human Resource

ASSISTS ITB is an organization inside Information System Technology (STI)

- Making relations across STI students.
- Creating fun, safe, and relaxing online environment for students to study, socialize, and communicate.
- Gathering students usable data for socialize activities.

PROJECTS

KerjaKu

January 2022 – April 2022

Freelancing Application

- Designing and implementing the whole frontend of mobile app using XML in Android Studio.
- Developing the backend of application using Java language as API and Firebase as database.
- Integrating all of the backend and frontend components of application

- Testing and debugging the entire application functions and features.
- Creating a fully functioned prototype of the app

Prototype: <https://drive.google.com/file/d/1XADb0dpW-WRn4AMkysmaAk-9gIJFFfN9/view?usp=sharing>

BMI and Calorie Calculator

May 2022 – May 2022

Calculates the BMI and calorie of person

- Implementing the design of the app using XML in Android Studio.
- Developing the API and feature of application using Kotlin.
- Integrating all of the backend and frontend components of application.
- Testing the entire application functions and features.
- Creating a fully functioned prototype of the app.

Prototype: https://drive.google.com/file/d/1sL0m_j8_mVXXFDX-eJ-pJF37SqUOAIDh/view?usp=sharing

Nyatet Usaha

October 2021 – December 2021

Web based platform to store notes/records of restaurants finance

- Design and implement the whole frontend of website using HTML and CSS.
- Developing the backend of the website using Flask Python as API and PostgreSQL as database.
- Integrating all of the backend and frontend components of website.
- Testing the entire website functions and features.
- Creating a fully functioned prototype of the website.

Prototype: <https://nyatetusaha-rpl.herokuapp.com/>

SKILLS

Programming Languages: C, Java, Python, Kotlin, Vue js, React js

Creative Softwares: Adobe XD, Figma

IDE Softwares: Visual Studio Code, Android Studio, IntelliJ, Spyder, PyCharm

Databases: MySQL, PostgreSQL, MariaDB, MongoDB, DynamoDB

Other: Fluent in English