

I Gde Ardha Semaranatha Gunasatwika

+62 812 3963 8199 | ardhasemaranatha@gmail.com | Bali, Indonesia

Github : <https://github.com/ardha27>

SUMMARY

I am a fresh graduate student of Information Technology possessing excellent problem-solving abilities and demonstrated expertise in software development through various projects. I am enthusiastic about learning new things and working collaboratively in a team. My passion lies in exploring cutting-edge domains such as Cloud Computing, Internet of Things, Smart City, Artificial Intelligence, Web and Mobile Development.

EDUCATION

Institut Teknologi Sepuluh Nopember

Aug 2019 – Sep 2023

Bachelor Degree in Information Technology, GPA: 3.68/4.00

- Understanding programming and development subject including Cloud Computing, Internet of Things, Smart City, Artificial Intelligence, Web and Mobile Development.

WORK EXPERIENCES

Software Engineer Intern

Aug 2022 - Des 2022

PT. Stechoq Robotika Indonesia

- Creating a desktop and mobile application that integrates with an Internet of Things project
- **Skills** : Teamwork · Android Development · Web Development · Internet of Things (IoT) · Linux

ORGANISATIONAL EXPERIENCE

Moonton Student Leader

Dec 2019 – Apr 2022

Leader of Community

- Being the official representative of Mobile Legends: Bang Bang in Campus
- Manage the activities of Mobile Legends: Bang Bang community, such as gathering, friendly tournament, and collecting feedback.

Information Technology Student Association

Aug 2021 – Dec 2021

Staff of Media and Information Department

- Manage Social Media account
- Being an Event Documenter and Video Editor

PROJECTS

AI Vtuber/Livestreamer

Jan 2023

AI – Personal Project

- Artificial Intelligence that can automatically respond to viewer comments during a YouTube livestream
- **Used** : OpenAI as the core, NLP from prosa.ai Indonesian TTS for the voice, and Live2D model for the avatar

Medical Adult and Baby Scales

Sep 2020 - Dec 2022

IoT – Company Project

- Body Scale that can be used to measure height, weight, and body composition
- **Used** : Bioelectrical Impedance Analysis, Internet of Things, Microcontroller, and Low Energy Bluetooth Technology

Blue Lumina

Jun 2022

IoT – Personal Project

- IoT to measure water temperature, total dissolved solids, pH, turbidity and connected with Blynk
- **Used** : Microcontroller, Sensor, and Blynk

SKILLS

Programming : C • PHP • Java • Python • Javascript

Web & Database : HTML • CSS • Tailwind CSS • MySQL • Firebase • DynamoDB

Frameworks : Bootstrap • CodeIgniter • Android

Tech : Git • Postman • Android Studio • Figma • AWS • Azure • Ms Office • Ms Excel

Soft Skills : Problem-solving • Communication • Flexible • Teamwork • Planning • Leadership