

Muhammad Fakhri Putra Supriyadi

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EDUCATION

TELKOM UNIVERSITY

BENG IN ELECTRICAL ENGINEERING
Expected Feb 2022 | Bandung
Current GPA: 3.33

LINKS

Github:// [fakhrip](#)
YouTube:// [Daskom1337](#)
Twitter:// [Oxfa1](#)

COURSEWORK

UNDERGRADUATE

Algorithm and Programming in C
Microcomputer
Artificial Intelligence
IoT Device Programming
System on Chip
Robotics

SKILLS

PROGRAMMING

Over 5000 lines:
Android (Java) • Python • JavaScript • C
PHP

Over 1000 lines:
Kotlin • MySQL • Bash

Familiar:
SystemVerilog • C++ • Assembly
GraphQL • NoSQL

HACKING

Web Penetration Testing • Forensic
Analysis

TECHNOLOGY

Git • Linux • Automation • Embedded
System
FPGA • Firebase

ACTIVITIES

PRESENT

Community Mentor @[Daskom1337](#)
CTF Player @[\(mendung\)10^6](#)

PAST

Practicum Assitant @[DaskomLab](#)

EXPERIENCE

PT. SAGARA ASIA TEKNOLOGI | SOFTWARE DEVELOPER INTERN

June 2020 – July 2020 | Bandung

- Created automation in python using Wordpress API to upload post extracted from .csv file.
- Contributed to the frontend (using Quasar Framework) and also a little amount of backend (using Laravel) development for an interior architectural company website.

PT. TELKOM KARAWANG | SOFTWARE DEVELOPER INTERN

June 2019 – July 2019 | Bandung

- Worked with software development team to create internal tools that will be use for many purpose throughout the whole system, such as marketing and engineering.
- Created a dashboard provisioning website to ease the manager to provision the system load within any range of time.
- Created UNSC (prospective customers that have not installed Indihome network service) tracker to ease the marketing department for looking at which location have the most opportunity to install Indihome network service.

PT. AEGIS ULTIMA TEKNOLOGI | JUNIOR ANDROID DEVELOPER INTERN

June 2016 – September 2016 | Bandung

- Created an android application to make some reminder for shalat (Islam Prayer), but also can find some places nearby such as police station, hospital, etc using Google Maps API and also can recognize the user activity based on Google Awareness API.
- Connected the android application (Remindra) to firebase for the database stuff.

PROJECTS

ANANTARA PROJECT | CORE DEVELOPER AND TEAM LEADER

May 2021 - June 2021 | Bandung

Lead a team of 5 members to create a **vending machine** system that runs in raspberry pi, uses **PyQt5** for the interface. I created the whole embedded system stuff and connected the system to **GCP** for cloud services and **Hasura Cloud** for backend, also helped and guide teammates during the whole development process.

DWA BASED ROBOT SIMULATION | CORE DEVELOPER

January 2021 | Bandung

Created a path finding **robotic simulation** using dynamic window approach algorithm implementation by **AtsushiSakai** and simulated using **CoppeliaSim** via their **BlueZero** middleware.

AUTOBOT PROJECT | CORE DEVELOPER

September 2020 | Bandung

Created a **toy automation script** to automate LMS usage in Telkom University that uses **NightmareJS** for browser automation, **BeautifulSoup** for web scraping and use a bit of PyInstaller to "pack" the project.

AWARDS

2021	Finalist (top 15)	Cyber Jawa CTF in Indonesia
2021	Finalist (top 10)	HackToday 2021 CTF in Indonesia
2021	Finalist (top 10)	Compfest 13 CTF in Indonesia
2021	2 nd winner	KKS TNI CTF in Indonesia (college category)
2020	2 nd winner	Forestry CTF at Telkom University