AMIR HUSEIN
Telecommunication Engineering Student

amirhusein008@gmail.com | Phone: +62 851 5670 9536 | linkedin.com/in/amirhusein | github.com/amirhsn
Bandung, Indonesia

EDUCATION

POLITEKNIK NEGERI BANDUNG   *July 2018 – September 2022*
Bachelor of Applied Science, Telecommunication Engineering
GPA : 3.58

PROFESSIONAL EXPERIENCE

FREELANCE
Mobile Developer (Flutter)   *August 2020 – Present*
- Responsible for developing mobile applications according to the wishes of the client.
- Have a good knowledge with state management such as BLoC Pattern and Redux.
- Have handled many projects, including building mobile app from scratch, bug fixing, error handling, and features adding.
- Sometimes building server side API using Express.js.

LECTURER RESEARCH
Research Assistant - Contract   *April 2021 – September 2021*
- Responsible to do programming and implementation for research entitled 'Perancangan Algoritma Computer Vision pada Aplikasi Smart Parking System untuk Penentuan Status Slot Parkir'.
- The algorithm used at this research is Euclidean Distance and Intersection Over Union (IoU) to detect a vacant parking slots.
- Using Python, TKinter, YoloV4, and OpenCV as a technology to do.
- Have a good reputation from lecturers because the work process is always fast and without significant problems.

GULF CASTING AGENCY
Mobile Developer (Flutter) - Contract   *September 2020 – October 2020*
- Responsible for developing company mobile applications from scratch using Flutter.
- Implementing BLoC Pattern as a ViewModel on MVVM (Model-View-ViewModel).
- Integrating the front-end application with MySQL Database using API that built with CodeIgniter 3.

I-KEY WEDDING ORGANIZER
Crew – Part Time   *May 2018 – September 2020*
- Have handled more than 25 marriages with different culture.
- Good communication skills with client, client families, guest, and others.
- Have a good reputation as a crew, for always providing good service and without complaining.
- Sometimes serves as crew chief, and responsible for coordinating other crews to be able to organize events properly and without problems.

ORGANIZATIONAL & PROJECT EXPERIENCE

HIMPUNAN MAHASISWA TEKNIK TELEKOMUNIKASI (HIMATEL) POLBAN
Head of External Relations Division   *November 2019 – March 2021*
- Succesfully to create a good relationship with telecommunications engineering students from other campuses.

- Held three comparative studies, one time with an internal campus organization, and two times with an external campus organizations.
- Actively involved in the planning of the FKMTT (Forum Komunikasi Mahasiswa Teknik Telekomunikasi) together with the telecommunications engineering student organization from ITB, and Telkom University.

COMPARATIVE STUDY WITH POLITEKNIK ELEKTRONIKA SURABAYA
Chief Committee   *December 19th, 2020*
- Led 15 members from 4 division to coordinate the event to run well.
- Comparative study is held by online through conference platform, but still running well, on target, and fit with the rundown.
- Attended by more than 100 students from both campuses.
- Managed sharing sessions.

PROGRAM KREATIVITAS MAHASISWA BELMAWA 2020
Funding Recipient   *January 2020 – August 2020*
- Qualify to compete at PKM - Karsa Cipta BELMAWA 2020 for project entitled 'E-Rural : Innovative Electronic Business Models Untuk Petani di Rural Area'.
- Responsible to develop mobile application user interface and integrating with MySQL as the main focus of the project.

PROFESSIONAL SKILLS

- Flutter, MVVM, Redux, BLoC Pattern
- Javascript, Node.js, Express.js, API
- PostgreSQL, MySQL, MongoDB, DynamoDB
- Arduino & IoT
- Python, Deep Learning, Image Processing
- AWS EC2, Lambda, RDS, Amplify
- Routing, Switching, Subnetting, Load Balancing
- Git Source Code Management

- Communication
- Teamwork
- Creative
- Project Management
- Hard Worker
- Collaborative

CERTIFICATIONS & AWARDS

- CCNA : Switching, Routing, and Wireless Essentials – Cisco Academy
- Mahasiswa Berprestasi Bidang Akademik Semester Genap Tahun Akademik 2019/2020