# AMIR HUSEIN
## Telecommunication Engineering Student

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Bandung, Indonesia

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## EDUCATION

**POLITEKNIK NEGERI BANDUNG**                                       *July 2018 – September 2022*
Bachelor of Applied Science, Telecommunication Engineering
GPA: 3.62

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## PROFESSIONAL EXPERIENCE

**DIREKTORAT JENDERAL PENDIDIKAN TINGGI, KEMDIKBUD**
*Mobile Developer - Internship*                                     *August 2021 – January 2022*
- Responsible for developing DIKTI Superapps using Flutter.
- Has set aside 544 other participants who registered for this position.
- Responsible for building the User Interface that has been provided by the UI/UX Designer Team and integrating with the API on the back end side.

**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 in this research is Euclidean Distance and Intersection Over Union (IoU) to detect 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

**FREELANCE**
*Mobile Developer*                                                  *August 2020 – August 2021*
- Responsible for developing mobile applications according to the wishes of the client using Flutter.
- Have a piece of good knowledge with state management such as BLoC Pattern and Redux.
- I have handled many projects, including building a mobile app from scratch, fixing bugs, error handling, and adding features.
- Sometimes building server-side API using Express.js..

**GULF CASTING AGENCY**
*Mobile Developer - Contract*                                       *September 2020 – October 2020*
- Responsible for developing mobile company 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 a different culture.
- Good communication skills with a client, client families, guests, and others.
- Have a good reputation as a crew, for always providing good service and without complaining.
- Sometimes serves as crew chief and is responsible for coordinating other crews 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*
- Successful in creating a good relationship with telecommunications engineering students from other campuses.
- Held three comparative studies, one time with an internal campus organization and two times pwith an external campus organization.
- 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 divisions to coordinate the event to run well.
- The comparative study is held online through the 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 a project entitled 'E-Rural: Innovative Electronic Business Models Untuk Petani di Rural Area.'
- Responsible for developing mobile application user interface and integrating with MySQL as the main focus of the project.

## PROFESSIONAL SKILLS

- Flutter
- Javascript, Express.js
- Database (SQL, MongoDB)
- Git Source Code Management
- Python
- AWS EC2, Lambda, RDS, Amplify
- Routing, Switching, Subnetting, Load Balancing

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

## CERTIFICATIONS & AWARDS

- CCNA: Switching, Routing, and Wireless Essentials – Cisco Academy
- 2020 The Most Outstanding Student of Telecommunication Engineering, POLBAN
- 2021 The Most Outstanding Student of Telecommunication Engineering, POLBAN