MARCIAL C. **ABASOLA JR.**

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Education

Bicol University	Legazpi City, Albay
Bachelor of Science in Computer Science	Aug 2018 – Jul 2022

- **Courses:** Algorithms, Data Structures, OOP, Operating Systems, Programming Languages, Artificial Intelligence, Cryptology, Software Engineering, Computer Vision
- Second placer at Computer Programming Competition (Team Category)

Camarines Sur National High School	Naga City, Camarines Sur
Senior High School Diploma	Jun 2016 – Apr 2018

- Technical Vocational Livelihood – Computer Programming
- With Honors

Camarines Sur National High School	Naga City, Camarines Sur
High School Diploma	Jun 2012 – Apr 2016

- Information Communication Technology – Computer Programming

Skills

Languages:	Python, Java, JavaScript, PHP, Dart, C, HTML, CSS, SCSS
Technologies:	Vue.js, MySQL, AWS, Laravel, Bootstrap, Git, Flutter, Figma, GitHub, OpenCV, pyTorch, Heroku, MongoDB

Experience

iAssist	Naga City, Camarines Sur
Full-stack developer – Contract	Oct 2021 – Nov 2021

- Built an application using Flutter that contains educational lessons and quizzes
- Worked in a team using Git and Figma as tools to create the application
    - Git and GitHub as version control system

B3B Technologies	Legazpi City, Albay
Full-stack developer – DSC Loyola Playground 2021	Globe Hackfest 2021	Apr 2021 – Aug 2021

- Built an SPA web application called pasaBUY using Vue.js
- Developed a RESTful API endpoint using Laravel to communicate with front-end.
    - Integrated AWS S3 as a cloud storage, Pusher as real-time notifications and chat
    - Utilized twilio to receive real-time text message for user registration confirmation
    - Utilized Vuex for the application state management
    - Used Gmail SMTP for user password reset and user registration confirmation
    - Used MySQL as Database Management system and Git and github as version control system

Bicol University	Legazpi City, Albay
Back-end Developer Intern – HRMDO Development Team	Jun 2021 – Jul 2021

- Assisted in developing and maintaining an existing HRMDO system for Records Management
- Used PHP for development and assisted in modifying database using MySQL
    - Git and GitHub as version control system

SQUAD Technologies	Naga City, Camarines Sur
Full-stack developer – Blast-off Start-up Challenge 2020	Hackfest 2020	Oct 2020 – Apr 2020

- Developed a web application start-up project called eTiquet using LAMP tech stack
- Achieved Top 10

Projects

DetectCore   CS Thesis project, Real-time illegal parking detection, built using python, MongoDB, OpenCV and YOLOV5 in pyTorch.

Road Extraction   Computer Vision Mini-Project, built using python, OpenCV, and different Image processing algorithms.

Receipt System   A receipt system built using OOP in Java.

Clinic System   Built using Javascript, HTML, CSS, Bootstrap, and MySQL.

Library System   Built using JQuery, Javascript, HTML, CSS, Bootstrap, and MySQL.

Typic Game   A four-pics one word inspired game built using OOP in Java.
                      Awarded as **peoples choice awards** during the ICT software festival 2017 within Camarines Sur National High School.

Certifications

Back End Development and APIs – Certificate of Completion from freeCodeCamp.org, used Nodejs, Express, MongoDB and Mongoose.

Front End Development Libraries – Certificate of Completion from freeCodeCamp.org, used HTML, SCSS, Bootstrap, Javascript, React and Redux.

Intermediate Python – Certificate of Completion from Sololearn.

Python For Data Science - Certificate of Completion from Sololearn.

Philippine Android Weekend 2020 – Certificate of Participation from Google Developer Student Clubs.

Interests

Gaming, Reading, Cryptocurrency, Fitness, Learning