



# Jazteen Dane Godinez Busa

I am an undergraduate student pursuing a B.S. in Information Technology at Mapúa Malayan Colleges Laguna. I have a strong foundation in both back-end and front-end development, project management, and platform technologies. My programming skills encompass Python, PHP, C#, C++, HTML/CSS, and JavaScript. In back-end development, I've successfully built projects utilizing RESTful APIs with technologies like ASP.NET and MS SQL. On the front-end, I've developed responsive user interfaces using frameworks such as CodeIgniter 4. On top of my skills, I am always seeking new ways to enhance my skills and improve my work.

## Contact

### Phone

+63 920 9484 588

### Email

jznubsa@gmail.com

### Address

Brgy San Francisco (Halang), Pacita  
1, Biñan, Laguna, 4024

### Web Portfolio

<https://jazteenbusa.vercel.app>

### LinkedIn

<linkedin.com/in/jazteen-busa>

### Github

<github.com/jznubsa>

## Seminars Attended

- **How to kickstart your career in Cybersecurity**  
Xaltus, Towards Higher Excellence
- **Goldstone's Webinar on AI in Education**  
Goldstone
- **Utilizing UX to Build Better IT Solutions**  
MCL-ACM Student Chapter
- **Technology Seminar Series on Introduction to VR and AR**  
MCL-ACM Student Chapter

## Education

### Mapúa Malayan Colleges Laguna

2020 - present

Bachelor of Science in Information Technology

- Dean's lister for three consecutive years

### Mapúa Malayan Colleges Laguna

2018 - 2020

Upper Secondary Education | Senior High School - ICT Strand

- Graduated Senior High School with Honors

### Casa Del Niño Science High School

2016 - 2018

Lower Secondary Education | High School

- Graduated High School with Honors

## Skills

### Back-End Development

- Used frameworks such as ASP.NET to create RESTful APIs
- Queried and manipulated databases using MS SQL and MySQL
- Involved in software design and architecture of multiple projects

### Front-End Development

- Developed projects using frameworks like CodeIgniter 4 and Bootstrap
- Created dashboards and data visualizations using ChartJs
- Utilized design tools such as Figma, Canva, Adobe Illustrator, and Adobe Photoshop

### Platform Technologies

- Developed Internet of Things (IoT) systems using Arduino and C++
- Integrated sensors with web and mobile applications using Xamarin

### Project Management

- Led teams through the planning, analysis, design, and implementation of various projects
- Created plans with system flowcharts, entity relationship diagrams, use case diagrams, and data flow diagrams

## Selected Projects

### Green Guardian

- A plastic combustion location detection system implementing IoT Technology.
- There is also a website created with PHP and JavaScript wherein a citizen could report plastic burning incidences and view the status of their reports.
- The administrator could monitor, manage, and analyze incidents.

### Temperature and Humidity Calibration Monitoring System

- Developed an IoT system to monitor temperature and humidity fluctuations.
- Utilized LEDs to represent machine status. Blinking LEDs indicate significant changes in temperature and humidity and a button is used to stabilize the environment upon detection of these changes.
- Designed a mobile interface with Xamarin and a web interface with PHP to provide real-time monitoring and access to the system information.

### Motion Detector System

- Developed an IoT system with a motion sensor that will trigger the relay switch when heat is detected.
- Each activation of the relay switch triggers the automatic recording of date and time details in MySQL database.
- These real-time updates are then dynamically displayed on the web app, created with ASP.NET.

## Experience

### City Government of Biñan Internship

April 2024 - July 2024

Brgy. Zapote, Biñan City, Laguna

- Experienced a 486-hour internship in the City Government of Biñan
- Contributed to the creation of a responsive and user-friendly platform for the City of Biñan, focusing on both frontend and backend development.

## Courses Completed

### CertMaster Labs for A+ Core 1

November 16, 2023

CompTIA

### CompTIA Labs for IT Fundamentals

May 17, 2023

CompTIA

### NSE 2 Network Security Associate

February 21, 2023

Fortinet NSE Certification Program

### NSE 1 Network Security Associate

February 19, 2023

Fortinet NSE Certification Program

### Word 2019 Associate

July 22, 2022

Microsoft Office Specialist

### Analyze Data with Python

July 22, 2022

Department of Information and Communications Technology through the Modern Academics Convergence Hub (DICT MACH)

### Learn Basic Statistics with Python

July 16, 2022

DICT MACH

### Programming for Intermediate Users Using Python

July 15, 2022

DICT MACH

### Programming for Beginners Using Python

July 14, 2022

DICT MACH

### CodeChum Python Course

May 11, 2021

CodeChum