

# Jazteen Dane G. Busa

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[Web Portfolio](#) · [LinkedIn](#) · [Github](#)

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## 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++
- Intergrated 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
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## INTERNSHIP EXPERIENCE

### City Government of Biñan Intern

April 2024 - July 2024

Brgy. Zapote, Biñan City, Laguna

- Web Developer
  - Experienced a hybrid 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
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## EDUCATION

### Mapúa Malayan Colleges Laguna

August 2020 - October 2024

Bachelor of Science in Information Technology  
Graduated Cum Laude

### Mapúa Malayan Colleges Laguna

2018 - 2020

Information and Communications Technology (ICT)  
Graduated with Honors

### Casa Del Niño Science High School

2016 - 2018

Junior High School  
Graduated with Honors

## ACCOMPLISHED 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

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## CERTIFICATIONS

### CertMaster Labs for A+ Core 1

CompTIA

November 16, 2023

### CompTIA Labs for IT Fundamentals

CompTIA

May 17, 2023

### NSE 2 Network Security Associate

Fortinet NSE Certification Program

February 21, 2023

### NSE 1 Network Security Associate

Fortinet NSE Certification Program

February 19, 2023

### Word 2019 Associate

Microsoft Office Specialist

July 22, 2022

### Analyze Data with Python

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

July 22, 2022

### Learn Basic Statistics with Python

DICT MACH

July 16, 2022

### Programming for Intermediate Users Using Python

DICT MACH

July 15, 2022

### Programming for Beginners Using Python

DICT MACH

July 14, 2022

### CodeChum Python Course

CodeChum

May 11, 2021