

Jazteen Dane G. Busa

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

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
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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

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