

# JAZTEEN DANE G. BUSA

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

## EDUCATION

2020 - Oct 2024

### Mapúa Malayan Colleges Laguna

- Bachelor of Science in Information Technology
- Graduated Cum Laude

2018 - 2020

### Mapúa Malayan Colleges Laguna

- Senior High School - ICT Strand
- Graduated with Honors

## INTERNSHIP EXPERIENCE

April 2024 - July 2024

Brgy. Zapote, Biñan City, Laguna

### City Government of Biñan Internship

- 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.

## PROJECTS

### Green Guardian

IoT-based system detecting plastic combustion. Includes a PHP/JavaScript website for citizens to report and track incidents. Admins can monitor and analyze data.

### Temperature and Humidity Calibration Monitoring System

IoT system tracking environmental changes with LED indicators and stabilization buttons. Real-time data accessed via Xamarin (mobile) and PHP (web).

### Motion Detector System

IoT motion sensor triggering relay switches and logging events to MySQL. Real-time updates displayed on an ASP.NET web app.

## SKILLS

- **Back-End:** Built RESTful APIs with ASP.NET; managed MS SQL/MySQL; contributed to software architecture.
- **Front-End:** Developed with CodeIgniter 4, Bootstrap; visualized data with ChartJs; skilled in Figma, Canva, Illustrator, Photoshop.
- **IoT & Platforms:** Built IoT systems with Arduino/C++; integrated sensors with web/mobile apps using Xamarin.
- **Project Management:** Led teams; created system plans using flowcharts, ERDs, use case, and data flow diagrams.

## CERTIFICATIONS

**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 15, 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