

JAZTEEN DANE BUSA

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

EDUCATION

2020 - Oct 2024

Cabuyao, Laguna, Philippines

Mapúa Malayan Colleges Laguna

- Bachelor of Science in Information Technology
- Graduated Cum Laude

2018 - 2020

Mapúa Malayan Colleges Laguna, Philippines

- Senior High School - ICT Strand
- Graduated with Honors

INTERNSHIP EXPERIENCE

April 2024 - July 2024

Brgy. Zapote, Biñan City, Laguna, Philippines

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

Word 2019 Associate, July 22, 2022
Microsoft Office Specialist

TOEIC, October 2024
Scored 955

REFERENCE

Adommar L. Ilao

- Role: BSIT, Program Chair, MMCL
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Ramon Almazan

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