

# JERVYN JADE P. CENTENO

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## CAREER OBJECTIVE

A fourth-year BSIT student majoring in Web and Mobile Development, seeking an OJT placement to apply academic knowledge in real-world scenarios. Equipped with a solid foundation in front-end and back-end development, mobile app creation, and UI/UX design. Also familiar with network administration and data handling. Eager to contribute to a dynamic team, gain hands-on experience, and grow as a future IT professional committed to clean code and innovative digital solutions.

## SKILLS

### Programming Languages:

Java, PHP, Python, C++, C#

### Web Development:

HTML5, CSS3, JavaScript

### Database Management:

MySQL, Azure SQL

### Tools & Technologies:

Git & GitHub, Android Studio, Visual Studio, XAMPP, Postman, Microsoft Azure

### Soft Skills

Problem-solving, Strong Communication, Team collaboration, Time management, Eagerness to learn and adapt

## EDUCATION

**Bachelor of Science in Information and Technology**

**2021 - Present**

Mapúa Malayan Colleges Laguna

**Information and Communication Technology Strand (SHS)**

**2019 - 2021**

Mapúa Malayan Colleges Laguna

## PROJECTS

**Capstone Green Stairs (Mobile App And Web App)**

**Dec 2024 - Present**

*A sustainability-driven system that promotes stair usage through step tracking, rewards, and piezoelectric energy harvesting.*

- *Developed a mobile app (Java, Android Studio) to promote stair usage with step tracking, rewards, and energy harvesting.*
- *Integrated RESTful PHP API with MySQL (migrated to Azure) to store and sync user data, energy contributions, and milestones.*
- *Designed UI for real-time step tracking, sustainability news, and gamified rewards.*
- *Utilized Azure for cloud hosting, API management, and mobile-to-database communication.*

**Green Stream (IoT Project)**

**Aug 2023 - Oct 2023**

- *Developed an automated plant watering system using IoT, soil moisture sensors, and microcontrollers. The system detects dry soil and activates a water pump, promoting efficient water use and sustainable gardening.*

**Dental Appointment System**

**Feb 2022 - July 2022**

- *Developed a web-based system for booking dental appointments and managing patient records*
- *Built with PHP, MySQL, HTML, and CSS; includes admin and user panels*
- *Implemented schedule management, appointment tracking, and basic patient data handling*

## CERTIFICATION & AWARDS

- President's Lister Awardee (A.Y. 2022-2023)
- President's Lister Awardee (A.Y. 2023-2024)
- Dean's Lister Awardee (A.Y. 2021-2024) for 8 consecutive terms
- CompTIA IT Fundamentals+ (ITF+) Certification
- Certified Google Cloud Skills Boost: Cloud Computing Fundamentals Finisher
- Certified CodeChum Python Course Graduate