



# LYZZA ROSE S. ABIG

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## EDUCATION

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**Centro Escolar University - Malolos** August 2022 - Present  
Bachelor of Science in Information Technology

**St. Francis de Assisi Montessori School (Plaridel, Bulacan) Inc.** August 2020 - 2022  
Science, Technology, Engineering, and Mathematics (STEM)

## TECHNICAL SKILLS

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**Programming Languages:** C++, Java, JavaScript, Python, PHP, Dart  
**Databases:** MySQL, SQLite, Firebase Realtime Database  
**Web Development:** HTML, CSS, Bootstrap  
**Version Control:** Git, GitHub  
**IDEs:** Visual Studio Code, IntelliJ IDEA, Android Studio, Jupyter Notebook  
**Web Services:** Firebase  
**Development Methodologies:** Agile, Waterfall, Rapid Application Development

## PROJECTS

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**Ctrl+Park** - Project Manager December 2025  
*Shift+Dev, Centro Escolar University - Malolos*

- Led a team in developing Ctrl+Park, a real-time university parking monitoring system that utilizes computer vision for license plate recognition and slot occupancy detection, integrating web technologies and database management to support efficient parking operations.

**AquaPath** - Project Manager December 2024  
*Kagayaku Soup, Centro Escolar University - Malolos*

- Led a team in developing AquaPath, a real-time flood monitoring and re-routing system using Arduino, MySQL, JavaScript, and HTML.

**Escoventory** June 2023  
*Port2026 Group2, Centro Escolar University - Malolos*

- Developed and applied object-oriented programming techniques to build a customized inventory system tailored for science laboratory equipment and supplies.

## CERTIFICATION

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**National Certificate II in Computer Systems Servicing (TESDA)**  
Validity: until February 01, 2028

## EXPERIENCE

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**Layout Artist/Visual Designer** August 2025 - Present  
*The Malolos Academe, Centro Escolar University - Malolos*

- Created and published digital posters addressing social issues by applying digital literacy skills in design and messaging as part of the official student publication of CEU – Malolos.

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## EXPERIENCE

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### **Backend Developer Intern**

**January - April 2026**

*Xentra Infotech Solutions, Inc.*

- Built and tested backend APIs using Node.js.
- Utilized Postman for API testing and debugging.
- Managed and optimized databases with MySQLYog.
- Participated in Scrum meetings, gaining exposure to different methodologies and collaborative workflows.

### **President**

**August 2024 - June 2025**

*Junior Philippine Computer Society, Centro Escolar University - Malolos*

- Led successful recruitment and engagement efforts for the Junior Philippine Computer Society over three years by organizing conferences, speaker events, and a promotional campaign that grew membership by over 120 students.
- Developed a website for the organization's 2024–2025 school year, featuring a landing page and membership system integrated with a database.

### **Executive Committee**

**August 2024 - May 2025**

*University Student Council, Centro Escolar University - Malolos*

- Coordinated events and collaborated with various committees while producing promotional materials, including posters and videos.

### **Student Assistant**

**August 2022 - May 2025**

*ICT Section, Centro Escolar University - Malolos*

- Assisted in the organization and management of the school's hardware inventory, ensuring accurate tracking and documentation of IT assets.

### **Secretary**

**August 2022 - May 2024**

*Junior Philippine Computer Society, Centro Escolar University - Malolos*

- Managed documentation, scheduled meetings, and facilitated communication between members and committees to ensure smooth organizational operations.