

ERICK JOHN O. LOPEZ

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A dedicated and results-oriented Bachelor of Science graduate in Information Technology, with a demonstrated commitment to excellence. Acclaimed with a Certificate of Proficiency, serving as the cornerstone for obtaining the Electronic Data Processing Specialist Eligibility (EDPSE) conducted by the Department of Information and Communications Technology (DICT), with a year of experience as a Full Stack Web Developer. Proficient in JavaScript (NextJS), PHP (Laravel), CSS (Bootstrap, Tailwind), and MySQL. Possesses an understanding of Python, and React Native and Node.Js. Eager to learn and adapt to new technologies, work collaboratively in teams, and meet deadlines effectively.

EXPERIENCE

JULY 07 2025 – DECEMBER 31 2025

SYSTEM ANALYST (PROGRAMMER), MARINDUQUE STATE COLLEGE

- Develop the Dangal ng MarSU system for online nomination with system analysis to identify total nomination by category, award type, offices and gender.
- Developing the HSIS for marsu clinic for inventory and record management system.
- Updated the IPCR system user interface by adding metric cards for displaying important datas.
- Created a PCR link for Linking activity based on user accountables.
- Created quick route link for viewing task based on IPCR count.
- Updated the Accomplishment page for better user interface.
- Updated the Task page for better user interface.
- Updated the Category page for better user interface.
- Updated the Staff Role page for better user interface.
- Updated the Unit and Role page for better user interface.

JANUARY 05 2025 – JUNE 31 2025

SYSTEM ANALYST (PROGRAMMER), MARINDUQUE STATE COLLEGE

- Added Feature for the IPCR system that allows user to navigate easily in the IPCR category per(Success Indicator) that will show the total Task and activity connect to that Success Indicator.
- Design and Develop a user friendly interface for dynamically creating Daily/Monthly Accomplishment using previous data inserted in the daily accomplishment report that can easily copy and change parts of that task data for multiple insertion of a Daily/Monthly accomplishment it also has a system validation if user doesn't change the task data for avoiding task redundancy and for system security.
- Debugging and fixing system errors.
- Assisting user regarding to there needs(DTR, Teaching Evaluation, PDS).
- Assisted Technical support like Software installation, Computer assembly and Hardware upgrades to all MSC computers.

AUGUST 05 2024 – DECEMBER 31 2024

SYSTEM ANALYST (PROGRAMMER), MARINDUQUE STATE COLLEGE

- Created a Mobile Application For CICSSO for DTR purposes use React Native, and Paper UI.
- Created API backend for CICSSO using Node Express, for CRUD operation to be inserted in MongoDB.
- Debugging and fixing system errors.
- Created and Designed Frontend Web, Mobile Application for Contracted System projects.
- Created a Database schema for Contracted System Projects.

APRIL 05 2024 – JULY 31 2024

SYSTEM ANALYST (PROGRAMMER), MARINDUQUE STATE COLLEGE

- System Maintenance for IPCR.
- Created a Login system for WiskerWays Project using React, MUI, MongoDB, Express, Node.
- Debugging and fixing system errors.
- Created secured API for WiskerWays for CRUD operation and Authentication.
- Assisting user regarding to there needs(DTR, Teaching Evaluation, PDS).
- Assisted Technical support like Software installation, Computer assembly and Hardware upgrades to all MSC computers.

JAN 05 2024 – MARCH 31 2024

SYSTEM ANALYST (PROGRAMMER), MARINDUQUE STATE COLLEGE

- Contributed to improving the IPCR system by enhancing navigation per category and success indicator, making it easier for users to track related tasks and activities.
- Designed and implemented a user-friendly interface for Daily and Monthly Accomplishment entry, allowing users to reuse previous records for faster encoding while ensuring data integrity through validation checks.
- Performed troubleshooting, debugging, and resolution of system issues to improve overall system performance and stability.
- Developed a PDF generation feature for IPCR Targets and IPCR Accomplishment, following the official format currently used by the institution.
- Provided user assistance and support for system-related needs such as DTR, Teaching Evaluation, and PDS concerns.
- Assisted in technical support tasks including software installation, basic computer assembly, and hardware upgrades for MSC computers.

JULY 05 2023 – DEC 31 2023

SYSTEM ANALYST (PROGRAMMER), MARINDUQUE STATE COLLEGE

- Develop a system that will auto generate IPCR based on the OPCR created and will only get the assigned activities in which the user has assigned.
- Develop a system that will generate total rating of Quality, Efficiency, Time and Average based on the users accomplishment reports.
- Created a javascript program that will dynamically generate add buttons on incomplete IPCR data on each columns for quick and easy access on adding missing data for that specific relational data.
- Develop a program that will generate a PDF for IPCR(Targets) and IPCR(Accomplishment) with the same default format of current IPCR being used.
- Develop a program that will generate a Excel for IPCR(Targets) and IPCR(Accomplishment) with the same default format of current IPCR being used.

JAN 09 2023 – JUNE 30 2023

SYSTEM ANALYST (PROGRAMMER), MARINDUQUE STATE COLLEGE

- Assigned in development of Individual Performance Criteria Rating System.
- Created a Relational insertion of data when storing of Functions, MFO, Success Indicators, Activities, Budget, Person Accountable, Accomplishment, Rating, and Remarks.
- Created a Fetch data that will only fetch active or selected PCR scope period.
- Created a Fetch data that will automatically fetch Overall Performance Criteria data based on the users assigned accountable.

AUG 23 2022 – DEC 31 2022

PROGRAMMER, MARINDUQUE STATE COLLEGE

- Collaborated in development of Performance Criteria Rating System.
- Develop a staff role management system that will assign, edit and show active and inactive employee role depending on each PCR scope.
- Created a ajax fetch request for staff role management system making it more dynamic.
- Develop a Units and Roles Setting for adding, editing and deleting Roles for each department.
- Created a middleware for restricting access of data if coming from different department.

EDUCATION

2015 - 2022

BS INFORMATION TECHNOLOGY, MARINDUQUE STATE COLLEGE

- Develop Library Management System for St. Mary's College of Marinduque.

ELIGIBILITY

ICT (EDP)

ELECTRONIC DATA PROCESSING SPECIALIST ELIGIBILITY, (EDPSE)

TECHNICAL SKILLS

PROGRAMMING & CORE TECHNOLOGIES

- **Expert:** HTML, CSS, JavaScript, PHP, MySQL
- **Intermediate:** Python, SQL

FRAMEWORKS & LIBRARIES

- **Expert:** Laravel Framework, React JS, React Native, Next.js Framework
- **Expert:** ShadCN UI
- **Expert:** CSS Frameworks – Tailwind CSS, Bootstrap, Material UI

WEB, MOBILE & DESKTOP DEVELOPMENT

- **Expert:** Web Development (Full Stack, Frontend & Backend)
- **Expert:** API Development
- **Intermediate:** Mobile Development
- **Intermediate:** Desktop Application Development

BACKEND & RUNTIME TOOLS

- **Expert:** Node.js
- **Expert:** Composer (PHP Package Manager)
- **Expert:** NPM Package Manager

VERSION CONTROL & COLLABORATION

- **Expert:** Code Repository Management (Git, GitHub, TFS)

FRONTEND & ASYNCHRONOUS TECHNOLOGIES

- **Expert:** AJAX
- **Expert:** jQuery

ADDITIONAL SKILLS

- Problem Solving and Debugging
- Database Management (MySQL)
- Team Collaboration
- Strong Communication Skills
- Quick Learner and Adaptable

ADDITIONAL INFORMATION

- ✓ Self-motivated and passionate about continuous learning and exploring new frameworks and programming languages.
- ✓ Ability to work efficiently in a team, as demonstrated by previous job experiences.
- ✓ Strong problem-solving skills and an ability to handle tasks under pressure.

CERTIFICATE

- ✓ StackLeague X Jobstreet Career Session.
- ✓ StackLeague X AWS Tech Session.
- ✓ Python Programming - 2022 StartUp Conference.
- ✓ StackLeague X AngelHack Manila Tech Session.
- ✓ Certificate of Participation: Careers In CyberSecurity.
- ✓ Computer Network Course.
- ✓ Cyber Security Equipment Training for Modernization of MSC
- ✓ Electronic Data Processing Specialist Eligibility

- ✓ ICT Proficiency Diagnostic Examination