**Odeh Mark E. Lozano**

Koronadal City, South Cotabato

+63 967 672 1674

[odehmarklozano@gmail.com](mailto:odehmarklozano@gmail.com)

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**SUMMARY**

Dynamic and results-oriented Software Developer with expertise in full-stack development, mobile applications, and system architecture. Adept at leveraging tools like Flutter, Node.js, and OutSystems to deliver innovative solutions. Proven ability to manage cross-functional projects and create scalable, user-focused applications.

**PROFESSIONAL EXPERIENCE**

**Via Appia Philippines, Inc.** -*Innovations Engineer (June 2022 – May 2024)*

* **Mobile Development:** Built *NICT LIFE PH*, a mobile app utilizing OutSystems for front-end and Appian for back-end operations.
* **Web Solutions:** Delivered *Hotel Booking App* using OutSystems and *Property Management* app with Flutter, Node.js, and Appian.
* **Documentation & Communication:** Authored technical/functional specifications and maintained clear communication with project teams.
* **Collaboration:** Assisted sales and pre-sales teams by providing technical service estimates and resolving application issues for clients. Played a key role in designing the structure of the HMO App, including defining the API structure, creating 20+ user stories, and gathering and documenting system requirements to support development. Explored and integrated technologies like Flutter and Node.js to build a scalable proof-of-concept application, successfully demonstrating core functionalities and preparing the project for future deployment.

**Philippine Statistics Authority (PSA) – Philippine Identification System** -*Information System Analysts – I (August 2020 – July 2021)*

* **Desktop Development:** Developed a custom inventory system to automate the stock inventory process, transitioning from manual to digital tracking. Additionally, created a task notification system to monitor employee tasks and outputs, improving accountability and productivity. Both systems were built using VB.Net and MySQL, resulting in a 50% reduction in inventory processing time and a 30% improvement in task completion rates across the organization.
* **Duties:** Provided on-site technical support and issue resolution for PhilSys operations. That includes troubleshooting malfunction and errors of the PhilSys Rgistration System and properly handles and documents all of the transactions and issues from Province.
* **Collaboration:** Developed a solution to avoid duplication and ensure the accuracy of the data being submitted and entered into the system. The solution I implemented required users to provide screenshots as part of the validation process during PhilSys Registration Step 1 and Step 2.

**Soft Artifact Incorporated** -*Software Developer (April 2019 – August 2019)*

* **Desktop Development:** Developed an additional feature for an existing application, the Goods Receipt – Bill of Quantities System Module and Return, using JavaFX and MySQL. This feature streamlined the processing of goods receipts and returns, reducing processing time by 40% and ensuring accurate tracking of over 5,000 transactions monthly.
* **Duties:** Migrated existing system modules, receipt reports, and platform reports from Java Swing to Java-FX. The migration modernized the application, improved UI responsiveness, and enhanced the overall user experience while maintaining robust functionality.

**Provincial Government Office – Arts, Culture, Tourism, and Museum Development Promotion Unit (ACTM - DPU)** -*IT Officer (July 2017 – December 2018)*

* **Desktop Development:** Automated Museum inventory processes by developing the Community Museum Inventory System. Designed and implemented office and costume inventory systems using VB.Net and MSSQL, facilitating a seamless transition from manual to digital monitoring. This system enhanced efficiency by reducing item retrieval time by 70% and improving data accuracy by 90%, while digitizing records for over 1,500 museum items and artifacts.
* **Duties:** Coordinated and documented key team meetings to ensure effective communication and action tracking. With a 93% typing-speed, I was able to maximize the documentation and alteration of the documents during live meeting.

**PROJECTS**

* **E-Commerce App: An E-Commerce App that has a feature similar to FoodPanda, Shopee/Lazada that was built using Flutter, Node.js, and PostgreSQL.**
* **Barangay HMO App**: A healthcare management solution built using Outsystems.
* **Property Management System**: A property management app to handle tenant related services. This solution was built using Flutter, Node.js, and Appian.
* **CareHealth PLUS LOA Generator System**: Automated Letter of Authorization generation for Carehealth PLUS Gensan.
* **Goods Receipt - Bill of Quantities System Module**: An additional feature on existing application. This system module to streamline the process of managing and tracking goods receipts and bill of quantities for procurement. The tools used in this app is Java-FX, and MySQL.
* **Goods Receipt - Bill of Quantities System Module Return**: Extended the functionality of the original module to handle goods return processes. The tools used in this app is Java-FX, and MySQL.
* **PSA South Cotabato Inventory System:** Streamlined inventory management for PSA operations using VB.Net and MySQL.
* **South Cotabato Museum Inventory System:** Developed inventory management for South Cotabato Tourism Office Operations using VB.Net and MSSQL. This app replaces the counting and monitoring of the museum items and artifacts from manual to automatic.

**TOOLS**

* **Language: JavaScript, Java, Dart, VB.NET, PHP**
* **Frameworks: Flutter, ReactJS, NextJS, Express.js, Laravel, TailwindCSS, Bootstrap, ChakraUI, SASS, Styled Components, FlutterFlow**
* **Backend: Node.js, Appian**
* **Databases: MySQL, MSSQL, MongoDB, PostgreSQL**
* **Tools: Firebase, AWS, Postman, Git, GitHub, Figma, SAP Crystal Reports, OutSystems, Adobe Photoshop/Illustrator**

**ADDITIONAL SKILLS**

* **API Design and Integration**
* **Software Development Lifecycle**
* **Responsive UI Development**
* **Problem-Solving & Analytical Thinking**

**CERTIFICATIONS**

* **Career Service Examination, Pen and Paper Test (CSE-PPT) Professional Level with a rating of 80.04%**
* **C Programming Certification – Programming Hub**
* **HTML Certification – Programming Hub**
* **HTML Advanced Certification – Programming Hub**
* **CSS Certification – Programming Hub**
* **SQL Programming Certification – Programming Hub**
* **Flutter Certification – Programming Hub**
* **Responsive Web Design – freeCodeCamp.org**
* **OutSystems – Associate Reactive Web Developer**

**EDUCATION**

2017 – 2018 **NOTRE DAME OF MARBEL UNIVERSITY**

Bachelor of Science in Computer Engineering