

JONATHAN L. COSTILLAS

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Project 3 Quezon City

INTRODUCTION

I am an IT professional with **six years of hands-on experience** in full-stack system development, specializing in designing, developing, and deploying ICT solutions for government agencies and enterprise organizations. Over the years, I have built a strong track record in delivering end-to-end software solutions by handling requirements analysis, technical specification development, system architecture, implementation, cloud/server management, and long-term application support.

My technical expertise spans modern web and mobile technologies, including **Vue.js, ReactJS, Node.js, Laravel (REST APIs), Laravel Livewire, CodeIgniter 3 & 4, PHP, and React Native**. I have extensive experience building scalable, secure, and high-performance applications, along with developing and integrating **RESTful APIs** for both mobile and web platforms.

I am also proficient in **containerized application deployment using Docker**, as well as **Ubuntu server administration and WHM/cPanel hosting management**, enabling efficient configuration, optimization, and deployment of production environments. I also understand a conceptual AWS container delivery architecture that moves source changes from GitHub through AWS CodePipeline and AWS CodeBuild into Amazon ECR and Amazon ECS, with Terraform used for infrastructure as code; Amazon RDS is included as a conceptual managed relational database option.

With strong problem-solving abilities, effective communication skills, and a commitment to delivering user-centered and reliable ICT solutions, I consistently collaborate with teams and stakeholders to achieve high-quality outcomes across diverse industries.

Core Competencies Include:

- Full-Stack Web Development (Vue.js, ReactJS, Node.js, Laravel, Laravel Livewire, CodeIgniter 3 & 4, PHP)
- Mobile Application Development (React Native)
- RESTful API Design & Development (Laravel, Node.js)
- Cloud & Server Management (AWS, EC2, ECS, ECR, RDS, Ubuntu Server, WHM/cPanel)
- Containerization & Deployment (Docker, Amazon ECR, Amazon ECS)
- System Analysis & Requirements Engineering
- ICT Solution Design for Government & Enterprise
- DevOps, CI/CD & Infrastructure as Code (GitHub, GitHub Actions, AWS CodePipeline, AWS CodeBuild, Terraform)
- Database Design & Management (MySQL, SQL, DynamoDB, Amazon RDS)
- Web & Application Security Best Practices
- Troubleshooting & Technical Support (Hardware & Software)
- Problem-Solving & Critical Thinking
- Leadership & Team Collaboration

PROFESSIONAL EXPERIENCE

WEB DEVELOPER

Aug 16, 2021 – PRESENT

National Youth Commission (NYC)

- Develops and maintains the YORP and NYC websites.
- Develops required information systems for YORP and NYC.
- Makes necessary adjustments and customizations to existing software applications for YORP and other information systems under development.
- Maintains the information systems and databases of YORP and NYC.
- Provides thorough checking and evaluation of data stored in the YORP database and other information systems.
- Operates and maintains NYC’s information systems.
- Monitors and resolves issues related to quality assurance, security management, system administration, and development.
- Assists the YORP secretariat with the technical aspects of the YORP online hub and its website.
- Fixes any defects and performance issues within the YORP system.
- Creates technical, functional, and operational documentation for YORP and NYC information systems.
- Performs other related functions as assigned by the immediate supervisor.

COMPUTER PROGRAMMER

Council for the Welfare of Children

Jan 1, 2021 – Aug 15, 2021

- Conducts research on new technology to support CWC’s day-to-day operations.
- Develops the CWC Knowledge Management System (KMS).
- Integrates the KMS by developing a mobile and web application and linking it to existing CWC Information Systems.
- Assists in preparing system development documents.
- Manages existing and newly developed Information Systems.
- Provides evaluation reports to enhance existing information systems.
- Supports the implementation of the Division’s plans and programs in coordination with other CWC units and divisions.
- Performs other functions as required.

COMPUTER PROGRAMMER II (MOBILE DEVELOPER)

Council for the Welfare of Children (CWC)

Feb 17, 2020 – May 16, 2020

- Prepares project proposals, feasibility studies, and other project-related documents.
- Conducts research on new technology that may support CWC’s day-to-day operations.
- Assists in researching new technology to support CWC’s day-to-day operations.
- Administers and maintains e-NGAS, HRMIS, CWC-AMS, and CWC-MIS v1.0.
- Assists in developing database designs for effective data management.
- Develops mobile applications and integrates CWC Information Systems.

- Conducts script and source code checks and audits for security vulnerabilities.
- Assists in preparing system development documents.
- Provides evaluation reports to enhance existing information systems (HRMIS, CWC-AMS, and CWC-MIS v1.0).
- Assists in preparing training and technical support for the operationalization of information systems (HRMIS, CWC-AMS, and CWC-MIS v1.0) for end-users.
- Supports the implementation of the Division’s plans and programs in coordination with other CWC units and divisions.
- Performs other required function

EDUCATION

Access Computer College, Cubao Quezon City
BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY
(2015-2019)

Quirino High School, Quezon City
SECONDARY EDUCATION
(2011-2014)

Anahawan Elementary School, Agusan del Sur
PRIMARY EDUCATION
(2004-2010)

PROJECT ENGAGEMENTS

- Centralized HRIS with Biometric Integration - (Vue.js & Laravel REST API)

A real-time HR information system designed for multiple offices connected to a single main server, featuring biometric-based attendance logging, automated data synchronization, and centralized employee record management.
- Document Tracking System (DTS) - (Laravel 11 & Livewire 3)

Developed to streamline, monitor, and track document flow and approvals across multiple departments.
- Job Portal - (Vue.js & Laravel REST API)

responsive job posting and recruitment platform with applicant tracking and automated workflow features.
- Document Tracking System (DTS) - (Laravel 11 & Livewire 3)

Developed to streamline, monitor, and track document flow and approvals across multiple departments.
- Youth Organization Registration Program (YORP) - CodeIgniter 3

A web-based system for managing youth organization registration, accreditation, and document compliance.

- . Voting System - Laravel 11 & Livewire 3

A secure, real-time digital voting platform designed for organizational and local elections.

- Monitoring System - Laravel 9

Enables real-time tracking of program activities, performance indicators, and operational progress.

- Evaluation System - Laravel 9

A comprehensive platform for evaluating personnel, programs, or project performance with automated scoring and reports.

- Legal Document Archive System - Vuejs & Laravel

Provides a centralized, searchable repository for managing and retrieving legal documents.

- Knowledge Management System - Livewire 3

Designed to organize, categorize, and share internal knowledge, documents, and institutional resources.

- NYC Learning Management System (NYC LMS) Mobile App - React Native & Laravel TS

A mobile-first LMS for the National Youth Commission, offering e-learning modules, youth training, and progress tracking.

- Technical Assistance Report (TAR) System - CodeIgniter 3

Tracks, documents, and reports technical support and field assistance activities across organizational units.

- DICT Project Ticketing System - CodeIgniter 4

Manages project issues, feature requests, and support tickets for DICT-related initiatives.

- Learning Management System (LMS) - Laravel 9

A full-featured LMS supporting course management, learning content delivery, and user progress monitoring.

- Document Tracking System (Legacy Version) - CodeIgniter 3

An earlier DTS implementation still in use by selected offices for tracking document movement and status.

- Request Portal System - Laravel 9

Handles internal service, logistics, and administrative requests with built-in tracking, approval, and notification workflows.

TRAININGS / SEMINARS ATTENDED

- DICT-MAD008 Android Fragments
- DICT-MAD007 Basic Building Blocks of the User
- DICT-MAD006 Introduction to Android Application Development
- WD005 Project 1 Developing a Static Website
- Coursera Core Infrastructure
- Coursera Defining and Implementing Networks
- Coursera Hybrid Connectivity and Network Management
- Coursera Networking in google cloud
- Web App Framework PHP CodeIgniter 4 Intermediate Course
- DICT-WD001 Principles of Web Development and Introduction to HTML
- DICT-WD002 Using HTML and CSS to Design a Website
- DICT-WD003 Basic JavaScript for Web Development
- Udemy HTML, CSS for fresher
- Udemy Learn PHP and MySQL for Web Application and Web Development
- Udemy PHP Laravel Build Coffee Shop Management System
- Udemy PHP Laravel Build Food Ordering Ecommerce Store
- Udemy Laravel Build Real Estate Management System
- Udemy PHP Laravel Build Hotel Booking Management System
- Udemy Create an Animated Landing Page by HTML, CSS and JavaScript
- Udemy CodeIgniter 4 Build Real Estate Management System

PERSONAL INFORMATION

• 30 years old • Male • Filipino • Single • June 28, 1994 • English and Filipino