RODERICK ROCAMORA

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https://github.com/rodroc?tab=repositories

	Skills/Technologies	Years
Primary	Node.js	5
	Typescript	2
	C#(Desktop, ASP.NET)	8.5
	PHP	>10
Secondary	Python, Golang	<1
Cloud/Servers	AWS (Lambda, S3, ECS, API Gateway, SQS, EventBridge, Cloudwatch)	3
	Linux Server (CentOS, Fedora, Ubuntu)	5.5

Systems Development/Integration
Savings & Loans, Financial Systems, SMS,VOIP, webRTC & Email integration, Centralized Accounts Payable & Check Disbursement, Car/Auto Shop, Property Management, Water Refilling, System/Inventory, Custom CRM & CMS, Appointment/Booking System

Databases/ORM/Search Platforms/Message Queue/Cache
NATS, Redis, MongoDB, Elasticsearch, Memcache, RabbitMQ, MSSQL Server 2000/2005/2012/2014, SQL CE, MySQL, SQLite, FirebirdSQL, MS Access, RavenDB, NHibernate, LINQ, EF, Doctrine 2

APIs / Frameworks / Extensions / Tools
Front-end: AngularJS, Backbone.js, Knockout.js, Require.js, Back-end: Laravel 5.x, Symfony 2, ZF1, Codeigniter, Silex, F3, API: PCast webRTC, Treegrid, Asterisk, Twilio, Nexmo, OAuth, Google Calendar API, Paypal, NUSOAP, Namecheap API, Clickbank, PlacePay, AMember REST API, DLGuard *Close Source:* Crystal Reports, SignalR, ADO.NET, ActiveX/COM, ODBC

TDD/Unit Test: Jest, PHPUnit

Scrum/Agile/DevOps Tools
Git, Vagrant, SVN, TFS, Bitbucket, GitHub, Gitlab, RedMine, JIRA, Confluence, Stash, Bamboo, HipChat

Server Administration
AWS, Fedora, CentOS, Ubuntu, BIND DNS, Webmin, IIS, Apache Http, Glassfish / Java Application Server, vsFTP

CMS / CRM / Integration
vTiger, FrontAccounting, Wordpress, OpenCart, SilverStripe, AMember, Invision Power Board (Forums), ProBid, Vicidial, AppCue

Career History

Jul 2020 – Present

Property Management Platform (Canada)
Software Engineer (Typescript, Node.js, AWS, PHP)

Duties/Responsibilities: ***AWS Micro-services & Web integration***
Tech: (Node.js+Typescript, PHP, Memcache, AWS). *Tasks*: Sync/manage resident data from other property management/real estate companies using Node.js+TypeScript. Write unit tests for microservices. | Integrate placePay API recurring/bulk/manual resident payments. Implement recurring payment settings, unit account/ledger transactions & balances, user amenity bookings with varied day/time blocks per amenity settings. | Provide technical support to the customer support team.

May 2020 – July 2020

Jetwebinar (Chicago, USA)
Software Developer (webRTC, PHP) 3 months

Duties/Responsibilities: Webcam & microphone settings for Webinar. Bug fixing for deployed/existing modules/scripts. Optimize MySql queries for certain slow listing pages. Integrate AppCue for customer experience.

Dec 2015 – Feb 2020

TruEnergy Services (Dallas TX, USA)
Software Engineer (Node.js, PHP, Golang, Twilio) 4 yrs 3 months

Duties & Responsibilities:

Twilio API (integration) *Tech*: Twilio API, Node.js, socketIO, PHP/Codeigniter, PHPExcel, MySql, Bootstrap, vTiger Integration: https://logistics.sandtiger.net *Tasks*: Developed features where truck driver calls & SMS are received/replied on browsers using Twilio API, Node.js & socket.IO | vTiger integration of invoicing & settlements of varied trucking companies & drivers.

Quickbooks Import File (integration)
Tech: PHP/Codeigniter, PHPExcel, MySql, Bootstrap, vTiger Integration
https://www.linkedin.com/company/truenergy-group *Tasks*: Develop functionality to parse excel spreadsheet per power supplier column label mappings. | Write code to validate excel cells to match ESi/Meter ID to the right contract from vTiger CRM contracts module | Feature to export valid payments as Quickbooks payment entries.

Voice Recording Searches (integration) *Tech*: Solr, Golang, JWT. *Tasks*: Optimized voice recording searches using Solr. Written Golang file service with JWT authentication for vTiger & external webApps.

Sep 2013 – Dec 2015

Outsourcing Companies
Software Engineer (ASP.NET, XBRL, AngularJS, PHP) 2 yrs 4 months

Duties & Responsibilities:

XBRL Spreadsheets (webApp) https://www.dirept.com/
Tech: ASP.NET MVC5, EF6, Backbone.js, Require.js, Treegrid, MSSQL 2014, Bootstrap.js
This software is to be used by European banks and agencies which are required to submit reports to authorities using XBRL format. *Tasks*: Fetch spreadsheet configs and cell data using EF stored procs and populate spreadsheet | Save user input on writable cells and save. | Integrate treegrid.js spreadsheet plugin.

Contractor Registration (Web App) <u>*Tech*</u>: ASP.NET MVC4, SignalR, Asterisk (telephony), RavenDB (NoSQL), NHibernate, Mysql, jQuery-Ui. <u>*Tasks*</u>: Save registration data to RavenDB as temporary/session storage where the user could continue anytime. | Validate RavenDB data before generating PDF documents embedding the contractor personal details. | Link calls between the registering user and the company by a click of a button using ASTERISK and SignalR library

Online Restaurant POS (Web App) (employee module) <u>*Tech*</u>: ASP.NET MVC4, AngularJS, jQuery-Ui, MetroUi, MSSQL 2012 <u>*Tasks*</u>: Developed employee management features.

Day / Option Trading Signal Provider (Web App) <u>*Tech*</u>: PHP, Knockout.js, jQuery, MySql, AMember integration, AMember REST API, SMS Gateway. <u>*Tasks*</u>: Integrate Wordpress features: Send out SMS and emails when new financial data is detected and pulled from the remote source | Management of cron schedules, email template and SMS header | Integration to AMember for membership payment handling | Listing of sent SMS and emails | Listing of subscriptions per product

Mar 2009
– Jun 2013

[KaizenSEO](#) (Canada)
Software Engineer (PHP, C#) 4 yrs 4 months

Top Ranking Domain Searcher (Web App)
<u>*Tech*</u>: PHP, CodeIgniter, jQuery, Paypal, Namecheap API, DLGuard, MySql
https://www.youtube.com/watch?v=ZnpvNJJHtjw
<u>*Tasks*</u>: Developed features to displays top domain name TLD availability based on keywords, monthly searches, competition and local values | Membership and login via DLGuard. DB architect, front end and back end developer. Integrate DLGuard, Paypal, Namecheap API.

Site Launcher & SEO Management Software (Web App) <u>*Tech*</u>: PHP, CodeIgniter, jQuery, Namecheap API, MySql, Wordpress (tweaking), bash script for apache & BIND DNS
<u>*Tasks*</u>: Integrated keywords, adsense and interlink manager for thousands of wordpress sites | Automate changes of host records on namecheap registrar via API and auto update local apache & BIND DNS config files when launching a wordpress site | SEO and content manager for wordpress sites.

Custom CRM, CMS & CRO (Web App) <u>*Tech*</u>: PHP, MySql, Ext.js, jQuery <u>*Tasks*</u>: Developed features to record transactions like: Emails sent and received from gmail via IMAP and SMTP. Opened newsletters, purchases made, inquiries and other relevant transactions. Content management w/ SEO capabilities

URL Referrals (Desktop App) <u>*Tech*</u>: C#.NET 2.0 Win App, SQLite, PHP, NUSOAP, Google Search API. <u>*Tasks*</u>: Developed features to parse and check HTTP response status and Google search result index count of the URLs with the top ranking URL occurrences and save to SQLite database. | Generate/export CSV/XML files. | Upload result via PHP NUSOAP web service. | Batch extraction of web server log files from any of the compression formats: ZIP, GZ, BZ2, RAR, TAR.

CRM Module (Web App) <u>*Tech*</u>: PHP, jQuery, IMAP, POP3, XTemplate, MySQL. <u>*Tasks*</u>: Developed features to search & display customers with latest purchase, number of orders, total amount of purchases. | Popup transaction history per customer (Clickable link of details of sent & received emails (via IMAP/POP3), purchase order, answered surveys, newsletters received.) | Send emails with copies in sent box of GMail | Display open orders and confirmed sales orders. | Display leads or customers.| Cron scripts for pipelines.

HTTP Status Site Monitor (Web Service) *Tech*: bash script, sqlite, PHP, Codeigniter. *Tasks*: Executed as a cron script (bash script and sqlite). Adding/removing sites is managed via PHP/Codeigniter. When the Apache/PHP/DNS configs fails a site. The linux server emails the admin.

Sep 2008 – Feb 2009

Contract Work
Software Engineer (PHP, C#) 4 months

Online Auction System for Patents (Desktop App & Web Service)
Tech: PHP NUSOAP and CSharp Widget Notification Module. *Tasks*: Notify buyers for new auctions under their category | Seller is notified on new bids after posting an auction | Bidder must be notified if he is the highest bidder / outbid by another potential buyer | Participating buyers should be notified if the auction has ended and a winner has been selected. | Notifies if the bidder wins / losses the auction. Receives notification of newsletters.

Loan and Accounting System (Web App) *Tech*: PHP, MySQL
Tasks: Update existing platform in: Customer Information, Loan processing, Payment processing | Auto posting to GL of Accounting | System | Record of employment, Bank, References, Call Logs, Loan Notes.

Aug 2005 – Sep 2008

SMSi & MTSLA (Philippines) https://smsi.com.ph/
Software Engineer (C#, VB6, Java) 3 years 2 months

Savings & Loan Management System (Desktop App) *Tech*: VB6, MySQL
Tasks: Modules: Loan computation & processing | Check processing & releasing | Passbook printing | Journal Processing (Batch/Individual) | Cash processing | Withdrawals & refunds | Auto savings deduction for SMS load | Unearned Interest | SMS account top up from savings account | Transfer In & Out with auto A/P and A/R | Import / export file to transfer of member from one branch to another) | Adjustments | Reports on Approved / Canceled loans, Canceled treasury warrant, Abstract of loan releases, SMS | | Service charges, Withdrawals & Refunds, Office Transactions, Journal processing, Checks Released, | Cash Collection, Over deduction, Co-makered

SMS Top up Gateway (Web Service & Integration) (Module Integration for the Loan Management System) *Tech*: CSharp.NET 2.0 interopt with VB6, Java, MySQL, Glassfish.
Tasks: Developed feature for automatic deduction of member's savings account after top up to cell phone account balances for GLOBE, TM, SMART, TNT, SUN subscribers. Token manager written in CSharp.NET running on gateway server. This application checks incoming SMS/text keywords and connects to LINUX server of specified branch running the JAVA web service application. If the subscriber is allowed by the JAVA application for top up, the token manager then connects to OKSPINOY load server and returns status to the branch and sends reply to the subscriber.

Seminar Registration (Desktop App) *Tech*: MySql, VB6. *Tasks*: Developed feature for data recording for registered attendees of seminar / training / convention

Time Attendance (Desktop App) *Tech*: MySql, VB6. *Tasks*: Developed features for time in and out anywhere the company building for payroll report

Mar 2004 – Jul 2005

Contract Work
Systems Architect/ Software Engineer: 1 year & later part-time.

Car Preventive Maintenance Advisor, Stock Request & Towing Services

(Web & Desktop Integration) _Tech_: Laravel 5.6, MongoDB, SMS Gateway Integration (Internal app) _Tasks_: Architect the system | Configure linux+ windows openVPN client on branches | Write the PHP Web API and client console/cron script for data sync | MySql data of carshop branches synced to MongoDB for vehicle history | Integrated historical car repair history as preventive maintenance reference | Customers receive notifications via SMS with link to listed advisory list | One time password sent as SMS to customer for login on Kiosk | Stock request and collaboration

Carshop System (Desktop App) _Tech_: VB6, MySQL. _Tasks_: Developed features to Create estimates / job orders | Combination of payment types: Cash, Check, Credit Card, Credit Line | Data Entry for Labor Hours per Mechanic | 4 Levels grouping of parts / tasks Parts And Labor Sales | Labor Sales Contribution Per Mechanic | Employees Productivity (Wage vs. Salary) | Progress Report On Job Orders, Contractual Services, Profit Analysis, Purchases of parts | Vehicle Status, Delivery Receipt, Withdrawal Slip | Sales Report By (Date Started / Released / Date of Payment) | Sales Orders, Sales Returns, Purchase Returns Cash Receipts, Sold Parts by Vendor | Inventory System, Manual / Auto-Posting of Items Auto SMS to customers to remind customers to change oil every 3 months or other specific maintenance, check-up, recommendations, announcements , discounts, general information

Real Estate Web Application (Web App) (prospecting module)
Tech: PHP, CodeIgniter, jQuery Ui, MySql, Google Calendar REST APi
https://www.ezcoordinator.com
Tasks: Management pages for prospects | Conversion of buyer/seller to contract data for new properties/existing active units | Calendar sync to Google calendar | Custom sortable questions & answers | Integration of ToDo plugin | Integration of wdCalendar | Email notes to address book selections or contacts (buyer/seller/broker/additional contacts)

Centralized Cash Receipts (Desktop App) _Tech_: C#.NET 3.5 WinForms, MySql (stored procs), Crystal Reports (VS2008). _Tasks_: Developed features for centralized cash receipts (pre-printed form)

WaterStation Software (Desktop App) _Tech_: C#.NET 3.5 WinForms (LINQ), MS SQL2005 (stored procs), Sqlite, Crystal Reports (VS2008). _Modules_: Billing | Sales | Accounts Receivable | Inventory. _Tasks_: Gather and discuss client requirements. Design and implement the DB (structure, stored procs), Ui, User system flow. Coded the software application. Migrated and replaced an old database system from MSSQL 2000 to 2005 via PHP PDO.

Centralized Accounts Payable & Check Disbursement (Desktop App) _Tech_: VB6, MySQL. _Tasks_: Centralize check disbursements of subsidiary companies under centralized accounting department | Check releases per company | Check releases per bank | Outstanding Accounts Payable vouchers per company (separate series numbers) | Outstanding Check vouchers per company (separate series numbers)

SMS Sender (Desktop App) _Tech_: VB6, Nokia Kit, MySql. _Tasks_: SMS broadcast for marketing

Kitchen Inventory (Desktop App) _Tech_: VB6, MySQL. _Tasks_: Developed features: Inventory Items | Item Grouping | FIFO Cost Flow Method | Receiving | Production | Customized auto computation of Item for Production | Sales Data Entry | Notification of users for inventory issues | Suppliers Info | Users | User Groups | Rights & Privileges | Reports: Inventory, Received Items, Production Report, Sales Report, Discrepancy Report, Purchased Items by Supplier

Biometric Daily Time Record (Desktop App) _Tech_: VB6, MySql. _Tasks_: Developed features Centralize the daily time recording | Automated computation of per hour / daily earnings | Can set diverse rates for overtime pay | Records only the authorized overtime | Computation is based strictly within specified working hours | Easy retrieval of records anytime and anywhere | Time in / Time out anywhere the building | Simplified Daily Time Record Report

Biometric DTR (Desktop App) _Tech_: CSharp.NET 2.0, FirebirdSql. _Tasks_: Simplified biometric time recording software for employees on work shifts

Human Resource Information System (Web App)
Internal App for HR Department. _Tech_: ASP.NET 3.5 (LINQ), AjaxToolKit, jQuery, MSSQL 2005, IIS 5.1. _Tasks_: Developed the features: Personal Profile | Educational Profile | Current Employment | Employment History.

Shipping Port Container Management (Desktop App) _Tech_: VB6, MySQL. _Tasks_: Developed the import module for the management of containers for a shipping port.

Sep 2003 – Dec 2003

Graphic All-In Stores
Business Dev. Officer, VB6 Developer (3 months)

Badminton Reservation System (Desktop App) _Tech_: VB6, Access. _Tasks_: Developed validation of Prepaid Cards for Specific Reserved / Court Types | Updating of New Prepaid | Serial / Control Number with Corresponding Password and Expiry Dates via Excel / Text File Import | Alarms Personnel When Time Slot is About to End or Has Ended | Sales Report by Card Type, Daily / Monthly Sales Report | Emails Report Automatically the Following Working Day.

Education

Computer Engineering
Liceo de Cagayan University, 1999

Electronics & Communications Engineering
Cagayan de Oro College, 1997

Major Exams Taken

1) Electronics & Communications Engineering Board Exam 2) Sub-Professional Examination

Personal Information

Nationality: Filipino

Languages: English, Tagalog, Cebuano

References

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