RODERICK ROCAMORA

<u>Full Stack Software Engineer</u>

Node.js, Typescript, PHP,
ASP.NET, C#, AngularJS, ReactJS

CDO, Philippines
Mobile: (+63) 977 830 9787
Email: ric2xroc@gmail.com

Skills/Technologies		Years
Back-end	Node.js	5
	Typescript	2
	C#(Desktop, ASP.NET)	8.5
	PHP	>10
Front-end	AngularJS	1
	ReactJS	<1
Utilities	Python, Golang	<1
Cloud/Servers	AWS (Lambda, S3, ECS, Fargate, API Gateway, SQS, EventBridge, Cloudwatch)	3
	Linux Server (CentOS, Fedora, Ubuntu)	5.5
On-going Study/ Certifications	AI LLM RAG, Python for AI integration, [Jenkins](#), [Terraform](#), [Golang](#)	

Source Samples/Github Repos

https://github.com/rodroc/secure_restful_api
https://github.com/rodroc/resident-import
https://github.com/rodroc/todo-react-app
https://github.com/rodroc/user-identity
https://github.com/rodroc/laravel.mongo

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, ReactJS, Backbone.js, Knockout.js, Require.js, <u>Back-end</u>: Laravel 5.x, Symfony 2, ZF1, Codeigniter,
Silex, F3, <u>API</u>: 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

CMS / CRM / Integration

vTiger, FrontAccounting, Wordpress, OpenCart, AMember, ProBid, Vicidial, AppCue

Career History

Jul 2020 –
Apr 2025

Concierge Plus (Property Management Platform) (Canada)
https://conciergeplus.com/

Software Engineer (Typescript, Node.js, AWS, PHP) 4 yrs 9 months

1. *Data Integration*: Developed a Node.js/TypeScript system to sync resident data across multiple property management platforms.
2. *Microservices & Testing*: Built and tested microservices, ensuring high code quality with unit tests.
3. *Payment Integration*: Integrated placePay API for recurring, bulk, and manual payments, streamlining transaction processing.
4. *Account Management*: Implemented recurring payment settings, ledger transactions, and user amenity bookings with flexible time blocks.
5. *Technical Support*: Provided technical assistance to the developers & customer support team, resolving complex issues.

May 2020
– July
2020

Jetwebinar (Chicago, USA) https://www.jetwebinar.com/

Software Developer (webRTC, PHP) 3 months

1. *Webinar Setup*: Managed webcam and microphone configurations for seamless webinar experiences.
2. *Bug Fixing*: Troubleshoot and resolve issues in deployed modules and scripts, ensuring smooth functionality.
3. *Database Optimization*: Improved performance of slow-loading listing pages by optimizing MySQL queries.
4. *Customer Experience*: Integrated AppCue to enhance user experience with personalized in-app messaging.

Dec 2015 –
Feb 2020

TruEnergy Services (Dallas TX, USA)
https://www.linkedin.com/company/truenergy-group

Software Engineer (Node.js, PHP, Golang, Twilio) 4 yrs 3 months

Logistics Software: https://logistics.sandtiger.net

1. *Twilio API Integration*: Developed features for truck driver call and SMS communication through browsers using Twilio API, Node.js, and socket.IO.
2. *vTiger Integration*: Integrated vTiger CRM for invoicing and settlement management for multiple trucking companies and drivers.

CRM:

1. *Excel Parsing*: Developed functionality to parse Excel spreadsheets based on power supplier column label mappings.
2. *Data Validation*: Implemented validation logic to match ESi/Meter IDs with the correct contracts in vTiger CRM.
3. *QuickBooks Export*: Created a feature to export valid payments as QuickBooks payment entries for streamlined accounting.
4. *Search Optimization*: Optimized voice recording searches using Solr, improving search efficiency.
5. *Golang Development*: Developed a Golang file service with JWT authentication for secure integration between vTiger and external web apps.

Sep 2013 –
Dec 2015

Outsourcing Companies

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

Unileap
XBRL Spreadsheets *(webApp)* https://www.dirept.com/

1. *Spreadsheet Integration*: Used EF6 and stored procedures to fetch spreadsheet configurations and populate data.
2. *Data Persistence*: Developed functionality to save user input for writable cells and persist changes.
3. *UI Integration*: Integrated Treegrid.js spreadsheet plugin for enhanced data visualization and interaction.
4. *Tech Stack*: Utilized ASP.NET MVC5, Treegrid, Backbone.js, Require.js, Bootstrap.js, and MSSQL for full-stack development.

Invoice Account Split (webApp)
1. Data Parsing: Import from excel/spreadsheet or parse copy-paste text from a spreadsheet to save invoice list under specify project and property. Split the invoice amount by percentage
2. Tech Stack: PHP, Symfony2, Doctrine2, jQuery, MySql

Entuent
Contractor Registration *(Web App)* https://www.awayteam.com.au/
1. *Session Management*: Implemented RavenDB as temporary/session storage for saving registration data, enabling users to continue where they left off.
2. *Data Validation & PDF Generation*: Validated RavenDB data before generating PDFs containing contractor personal details.
3. *Telephony Integration*: Linked user registrations with company calls via Asterisk and SignalR, enabling seamless communication with a single click.
4. *Tech Stack*: Worked with ASP.NET MVC4, SignalR, RavenDB, NHibernate, MySQL, and jQuery-UI.

Clink IT Solutions
Online Restaurant POS *(Web App)* (employee module)
1. *Employee Management*: Developed and implemented key features for employee management using ASP.NET MVC4, AngularJS, and jQuery-UI.
2. *Tech Stack*: Utilized MetroUI and MSSQL for front-end and database development.

Updown Signals
Day / Option Trading Signal Provider *(Web App)*
1. *WordPress Integration*: Implemented SMS and email notifications for new financial data using PHP, Knockout.js, and jQuery.
2. *Cron & Template Management*: Managed cron schedules, email templates, and SMS headers for automated notifications.
3. *AMember Integration*: Integrated AMember for membership payment processing and subscription management.
4. *Data Tracking*: Developed features to list sent SMS, emails, and product subscriptions.

Mar 2009 – Jun 2013

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

Top Ranking Domain Searcher (Web App)
https://www.youtube.com/watch?v=ZnpvNJJHtjw
1. *Domain Name Features*: Developed features to display top domain TLD availability based on keywords, search volume, competition, and local values.
2. *Membership Integration*: Integrated DLGuard for membership management and secure login.

3. *API Integration*: Integrated PayPal, Namecheap API, and DLGuard for payment processing and domain management.
4. *Full-Stack Development*: Acted as DB architect, front-end, and back-end developer using PHP, CodeIgniter, jQuery, and MySQL.

Site Launcher & SEO Management Software (Web App)
1. *WordPress Integration*: Integrated keywords, AdSense, and interlink manager for thousands of WordPress sites to improve site management.
2. *Automation*: Automated domain host record changes via Namecheap API and updated local Apache and BIND DNS configurations during WordPress site launches.
3. *SEO & Content Management*: Managed SEO and content optimization for WordPress sites to enhance visibility and user engagement.
4. *Tech Stack*: Worked with PHP, CodeIgniter, jQuery, MySQL, WordPress, and Bash scripting.

Custom CRM, CMS & CRO (Web App)
1. *Transaction Tracking*: Developed features to record key transactions such as emails (sent/received via Gmail IMAP/SMTP), opened newsletters, purchases, and inquiries.
2. *Content Management*: Implemented content management system with built-in SEO capabilities to enhance website performance.
3. *Tech Stack*: Utilized PHP, MySQL, Ext.js, and jQuery for development.

URL Referrals (Desktop App)
1. *HTTP & Google Search Parsing*: Developed features to parse and check HTTP response status and Google search result index counts, saving top-ranking URL data to an SQLite database.
2. *File Generation & Export*: Created functionality to generate and export CSV/XML files for data analysis.
3. *Web Service Integration*: Uploaded results via PHP NUSOAP web service for seamless data transfer.
4. *Log File Extraction*: Implemented batch extraction of web server log files from various compression formats (ZIP, GZ, BZ2, RAR, TAR).
5. *Tech Stack*: Worked with C#.NET 2.0, SQLite, PHP, NUSOAP, and Google Search API.

CRM Module (Web App)
1. *Customer Insights*: Developed features to search and display customer data, including latest purchases, order count, and total spending.
2. *Transaction History*: Created popup for detailed customer transactions, including email interactions (via IMAP/POP3), purchases, surveys, and newsletters.
3. *Email Integration*: Enabled email sending with copies stored in the Gmail sent box for tracking purposes.
4. *Order Management*: Displayed open and confirmed sales orders, as well as customer leads.
5. *Automation*: Developed cron scripts for pipeline management and automation.
6. *Tech Stack*: Worked with PHP, jQuery, IMAP/POP3, XTemplate, and MySQL.

HTTP Status Site Monitor (Web Service)
1. *Automation & Scripting*: Developed bash scripts and SQLite to run as cron jobs for server management tasks.
2. Site Management: Managed site addition/removal via PHP/CodeIgniter for seamless backend functionality.

3. *Error Notification*: Configured system to email the admin when Apache/PHP/DNS configurations fail, ensuring quick issue resolution.

Sep 2008 – Feb 2009

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

Online Auction System for Patents (Desktop App & Web Service)
1. *Auction Notifications*: Developed notification system using PHP NUSOAP and C# widget to alert buyers about new auctions, and notify sellers about new bids.
2. *Bidder Alerts*: Notified bidders when they are the highest bidder, outbid, or when the auction ends and a winner is selected.
3. *Auction Outcome Notifications*: Sent notifications to bidders regarding auction wins or losses, and sent newsletter alerts to subscribers.

Loan and Accounting System (Web App)
1. *Platform Updates*: Updated customer information, loan processing, and payment processing features.
2. *Accounting Integration*: Automated posting to the General Ledger (GL) for accounting system updates.
3. *Data Management*: Enhanced records for employment, bank references, call logs, and 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)
1. *Loan & Payment Processing*: Developed modules for loan computation, processing, and check handling, including withdrawals, refunds, and unearned interest management.
2. *Transaction Management*: Implemented passbook printing, journal processing (batch/individual), and cash processing features.
3. *Automation*: Enabled auto savings deduction for SMS load, account top-up from savings, and automated transfer with A/P and A/R.
4. *Data Management*: Facilitated member branch transfers, adjustments, and reporting on loans, service charges, and office transactions.
5. *Reporting & Export*: Developed comprehensive reports on loans, checks, collections, and SMS-related activities, with import/export capabilities.

SMS Top up Gateway
1. *SMS Load Top-Up Integration*: Developed automatic deduction feature for member savings accounts to top-up cell phone balances for GLOBE, TM, SMART, TNT, and SUN subscribers.
2. *Token Management*: Created a C# .NET 2.0 token manager running on a gateway server to process SMS keywords and interact with a Java web service on a Linux server for validation.
3. *System Integration*: Integrated with the OKSPINOY load server for status checks and sent real-time responses to branches and subscribers.
4. *Tech Stack*: Worked with C# .NET 2.0, VB6, Java, MySQL, and Glassfish.

Seminar Registration (Desktop App)
1. *Data Recording*: Developed a feature to record and manage data for registered attendees of seminars, training sessions, and conventions using VB6 and MySQL.

Time Attendance (Desktop App)

1. *Time Tracking*: Developed features to track employee time in and out across the company building for payroll reporting using VB6 and MySQL.

Mar 2004 – Aug 2018

Contract Work

Systems Architect/ Software Engineer: Part-time.

Restaurant Survey Application (Web Application)

1. *System Architecture*:Designed a mobile survey web application for restaurant customers, running within an intranet environment to ensure local accessibility and security.
2. *Data Sync*:Implemented REST API integration to sync survey responses with a remote MySQL database, ensuring seamless data transfer and real-time updates.
3. *Notifications & Reporting*: Developed an automated email alert system to notify administrators of unhappy customers, facilitating quick intervention.
4. Data Analytics & Visualization: Created interactive charts and detailed reports for restaurant staff, providing insights into customer feedback at both branch and enterprise levels.
5. *Tech Stack*: AngularJS, d3.js, PHP, MySQL

Car Preventive Maintenance Advisor (Web & Desktop Integration)

1. *System Architecture*: Designed and architected the system using Laravel 5.6 and MongoDB for vehicle towing, repair history tracking and preventive maintenance.
2. *Data Sync*: Developed PHP Web API and cron scripts for syncing MySQL data from carshop branches to MongoDB.
3. *SMS Integration*: Integrated SMS gateway to send customer notifications with advisory links and one-time passwords for kiosk login.
4. *VPN Configuration*: Configured OpenVPN clients on both Linux and Windows for branch connectivity.
5. *Stock Management*: Developed features for stock request and collaboration across branches.
6. *Tech Stack*: Laravel, MongoDB, VB6 and MySQL.

Carshop System (Desktop App)

1. *Estimate & Job Order Management*: Developed features for creating estimates, job orders, and tracking labor hours for mechanics.
2. *Payment Integration*: Supported multiple payment types (cash, check, credit card, credit line) for job orders.
3. *Parts & Labor Tracking*: Implemented 4-level grouping for parts/tasks, tracking parts and labor sales, and labor sales contributions per mechanic.
4. *Employee Productivity*: Developed reports to analyze employee productivity (wage vs. salary) and provide profit analysis.
5. *Reporting*: Created progress reports on job orders, service contracts, parts purchases, and sales (by date started, released, or payment).
6. *Inventory & Sales Management*: Developed features for inventory tracking, manual/auto posting of items, and managing sales orders, returns, and cash receipts.
7. *Customer Notifications*: Implemented auto SMS reminders for customer maintenance schedules, oil changes, discounts, and other important updates.
8. *Tech Stack*: VB6 and MySQL.

Real Estate Web Application (Web App) (prospecting module)

1. *Prospect Management*: Developed management pages for tracking prospects and converting buyer/seller data to contracts for new or existing properties.
2. *Google Calendar Sync*: Integrated Google Calendar REST API for seamless calendar synchronization.
3. *Custom Features*: Built sortable questions & answers and integrated ToDo plugin and wdCalendar for enhanced functionality.
4. *Email Notifications*: Enabled email note sharing with address book contacts (buyer, seller, broker, etc.).
5. *Tech Stack*: PHP and MySQL.

Centralized Cash Receipts (Desktop App)
1. *Centralized Cash Receipts*: Developed features for managing centralized cash receipts using C#.NET 3.5 WinForms and MySQL stored procedures.
2. *Reporting*: Utilized Crystal Reports (VS2008) for generating detailed cash receipt reports.
3. *Tech Stack*: C#.NET and MySQL.

WaterStation Software (Desktop App)
1. *Module Development*: Developed and implemented modules for Billing, Sales, Accounts Receivable, and Inventory using C#.NET 3.5 WinForms (LINQ) and MS SQL 2005.
2. *Database Design*: Designed database structure, created stored procedures, and optimized user system flow.
3. *Client Interaction*: Gathered and analyzed client requirements to ensure software met business needs.
4. *Legacy System Migration*: Migrated and replaced the old MSSQL 2000 database with MSSQL 2005 using PHP PDO for data transfer.
5. *Reporting*: Utilized Crystal Reports (VS2008) for generating reports.
6. *Tech Stack*: C#.NET and MS SQL

Centralized Accounts Payable & Check Disbursement (Desktop App)
1. *Centralized Check Disbursement*: Developed system to centralize check disbursements for subsidiary companies under the accounting department.
2. *Check Release Management*: Managed check releases per company and per bank, ensuring accurate tracking.
3. *Voucher Tracking*: Implemented tracking of outstanding accounts payable and check vouchers with separate series numbers for each company.
4. *Tech Stack*: Worked with VB6 and MySQL.

SMS / Text Blast (Desktop App)
1. *SMS Marketing Broadcast*: Developed and implemented an SMS broadcast system for marketing to selected groups of contacts or individuals using AT using C#.NET, LINQ and SqlCE.

Kitchen Inventory (Desktop App)
1. *Inventory Management*: Developed features for managing inventory items, item grouping, and FIFO cost flow method.
2. *Production & Sales*: Implemented auto computation for production items, sales data entry, and received items tracking.
3. *Supplier & User Management*: Managed supplier information, user groups, and rights/privileges for users.

4. *Reporting*: Created reports for inventory, received items, production, sales, discrepancies, and purchased items by supplier.
5. *Tech Stack*: VB6 and MySQL.

Biometric Daily Time Record (Desktop App)
1. *Time Recording System:* Centralized daily time recording and automated computation of hourly/daily earnings using **VB6** and **MySQL**.
2. *Overtime Management*: Implemented diverse overtime pay rates and ensured computation strictly within specified working hours with only authorized overtime recorded.
3. *Data Access*: Enabled easy retrieval of time records from anywhere within the building.

4. *Reporting*: Developed simplified **Daily Time Record** report for efficient tracking and management.

Human Resource Information System (Web App)
1. *HR Management System*: Developed features for personal profile, educational profile, current employment, and employment history using ASP.NET 3.5 (LINQ), AjaxToolKit, jQuery, and MSSQL 2005.
2. *Tech Stack*: Worked with IIS 5.1 for hosting the internal HR ASP.NET & application.

Shipping Port Container Management (Desktop App)
1. *Container Management*: Developed an import module for managing shipping containers at a port using VB6 and MySQL.

Sep 2003 – Dec 2003

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

Badminton Reservation System (Desktop App)
1. *Prepaid Card Validation*: Developed validation system for prepaid cards based on specific reserved or court types.
2. *Data Import*: Implemented serial/control number updates, corresponding passwords, and expiry dates via Excel/Text File Import.
3. *Notifications*: Created alarms for personnel when time slots are about to end or have ended.
4. *Sales Reporting*: Generated sales reports by card type and daily/monthly sales, with automatic email reporting on the following working day.
5. *Tech Stack*: Worked with VB6 and Access.

Education

Computer Engineering
Liceo de Cagayan University, 1999

Personal Information

Nationality: Filipino

Languages: English, Tagalog, Cebuano

References

Dr. Anthony Penaso
President for Academic
Bohol Island State University
anpen1972@yahoo.com

Joven Chico
Project Manager
jchico.pmp@gmail.com