HECTOR RAMON

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SUMMARY

Senior Software Engineer with 10+ years experience. Business process automation, web based solutions, desktop solutions, mobile solutions, database driven applications, data reporting, ERP, CRM, EMS, e-commerce solutions and multimedia interactive. Proactive, problem solving, critical thinking, quick learner and team player.

★ Evaluation, conceptualization, design, and development of new capabilities and implementation of new technologies

★ Use of the Software Development Life Cycle and Agile Methodologies

★ Skills gathering functional requirements, information regarding design, estimated costs and construction time

★ Full Stack Developer

★ Researches and assesses new technologies and find ways to implement them

★ Identify and use other 3rd party software components as appropriate

★ Work collaboratively with creative team to create content, sketches, layouts, animations, and information architecture

SKILLS

+ Development:
.Net, C#, ASP.NET, WinForm, WebForm, MVC, WebAPI, Console App, WPF, Azure, WCF, SOA, ADO.NET, Entity Framework, SOA, HTML5, CSS3, Javascript, jQuery, AngularJS, Node.js, D3.js, Bootstrap, PHP, Laravel, CakePHP, Joomla, Wordpress, Responsive design, Python.

+ RDBMS:
SQL Server, MySQL, Access, Normalization and ORMs

+ Source version control:
 TFS, GIT, SVN

+ Software engineering:
Unified Modeling Language (UML), Design Patterns, Scrum

+ Case tools and planning:
Rational Rose, Enterprise Architect, MS Visio, MS Project

+ Multimedia interactive, graphic & advertising:
Social Media Marketing, Community Manager, Rich Media, SEO

+ Design software:
Adobe Creative Suite

+ Languages:
English (professional proficiency) - Español (native proficiency)

+ Bayview Asset Management LLC
Software Engineer
Abril 2017 – Present

★ Development, maintenance and reengineering of software for Loan Services, Loan Origination Software (LOS)
★ Technologies: .Net, C#, VB6, VB.Net, ASP.NET, MVC, WebForm, WinForm, Console App, WCF, javascript, jQuery, AngularJS, HTML5, CSS3, Bootstrap, Oracle, SQL Server, TSQL, SOA, SaaS, n-Tier, Legacy Systems VB6, Migration Legacy Systems, SVN, JIRA, Active Directory, LDAP, SSIS, SSRS, ETL, Jenkins
★ Team: multinational of 40 people 1 CTO, 15 IT, 2 Project Managers, 2 UI UX Designer, 15 Software Engineers, 10 QA Engineers overseas India, 4 DBA, 2 Middle-Tier
★ Cisco Tidal Enterprise Scheduler (TES) Enterprise Job Scheduling, task running in the back-end processing data for batch data entry or reporting purpose
★ Parse, manipulate and transform Microsoft Office documents C# .Net to import User Roles to Bayview applications
★ Configuration Management Utility system, centralized application to handle lookup table, rules, validations, configurations in all parametrized Bayview applications
★ Migrate Loan legacy systems from VB6 to .Net framework VB.Net (Evaluation, Migration plan, Clean legacy code, Refactoring, Automate upgrade tool, Fixing, Testing, Functional equivalence, Refactoring)
★ Implement new features to Bayview Enterprise Management System, BEMS (Entitlement User Review, Loans)
★ Implement new features to Encompass Utilities
★ SDLC, ALM, RUP, UML documentation
★ Ellie Mae's Encompass all-in-one mortgage management solution, Mavent Compliance Service, and AllRegs research, loan quality and efficiency across the entire mortgage lifecycle. Encompass SDK development
★ Integration of applications with Document Management Systems like PaperVision and FileNet
★ Perform data cleansing for validity, accuracy, completeness, consistency and uniformity, writing TSQL scripts for checking integrity and fixing it
★ Add tables, columns, update data to accomplish new added features and business rules
★ Update Stored Procedures and Functions
★ Provide End-User support and bug fixing on legacy applications
★ Test code on DEV, QA and Staging versions before Release the code to Production Servers (SVN)
★ SCRUM meetings

+ Skypatrol LLC
Software Engineer
June 2016 – Marzo 2017

★ Development, maintenance and reengineering of software for GPS / Location Based Systems (LBS)
★ Technologies: .Net, C#, ASP.NET, MVC, PHP, Laravel, javascript, jQuery, AngularJS, HTML5, CSS3, Bootstrap, SQL Server, TSQL, SOA, SaaS, Sage ERP, GIT, TFS, Redmine
★ Team: multinational of 20 people 1 CTO, 1 IT, 2 Project Managers, 1 UI UX Designer, 2 on-site Software Engineers and 5 overseas Vietnam, 3 Hardware Engineers and 2 QA Engineers
★ Reports for GPS Tracking systems for Registration, Commands Sent, Location Duration, and Attrition
★ Conduct several Sage ERP integrations spanning Account Receivable, Account Payable, Order Entry, Invoicing, Payments, Inventory, General Ledger
★ Improve application for ad-hoc Ordering, RMA, Customers, Commissions, Reports and Billing systems
  ○ Developed new feature for Cross-Selling by Market Segments
  ○ Developed new feature for shipping allowing multi-tracking FedEx and UPS number
  ○ Developed new feature for handle new payment terms business logic
  ○ Developed new feature for handle region hierarchy and distributions for customers and salesperson
  ○ Developed new Sales Commission business logic
  ○ Review system shipping pricing with FedEx API and update to new requirements
  ○ Performed RMA process business logic optimization
  ○ Script for Closing Fiscal Year, New Fiscal Calendars, link to Accounts and Balance on General Ledger
  ○ Performed analysis and design of Recurring Billing integration to Sage ERP Session, Post Payments, Customers balance, Account Receivable SubLedger and General Ledger
★ UI UX jQuery and ad-hoc Javascript used for Front-End validation, set the content to DOM elements, change DOM styling and manipulate its properties and attributes

- ★ Write TSQL scripts for batch Insert of Devices Part Numbers, batch Insert of Price Lists per Market Segment and batch Insert of Market Segment
- ★ Perform data cleansing for validity, accuracy, completeness, consistency and uniformity, writing TSQL scripts for checking integrity and fixing it
- ★ Add tables, columns, update data to accomplish new added features and business rules
- ★ Update Stored Procedures and Functions
- ★ Provide End-User support and bug fixing on legacy applications
- ★ Test code on QA and Staging versions before Release the code to Production Servers (TFS and GIT)
- ★ SCRUM meetings

+ Software Engineer
LifEscozul
June 2012 – May 2016

- ★ Development, maintenance and reengineering of software for healthcare / medical purpose
- ★ Technologies: .Net, C#, ASP.NET, WPF, MVC, WCF, ADO.NET, Entity Framework, PHP, Wordpress development plugins and widget, javascript, jQuery, Node.js, D3.js, HTML5, CSS3, Bootstrap, SQL Server, TSQL, i18n, l10n
- ★ Team: 5 people including 1 IT, 1 Project Manager, 1 UI UX Designer, 2 Software Engineers
- ★ Data driven application for manage patient information
  - ○ Module patient demographics and account histories
  - ○ Module patient appointment scheduling to easy to book and confirm appointments across locations
  - ○ Add feature for check-in and check-out patients
  - ○ Add feature Patient timeline evaluation
  - ○ Add feature Email and SMS alert
  - ○ Document management by capturing all documentation like pre-authorizations, medical records
- ★ Data reporting facilities
- ★ Ecosystem for maximize patient communication using websites integrated with popular social media API
- ★ UI UX jQuery and ad-hoc Javascript used for Front-End validation, set the content to DOM elements, change DOM styling and manipulate its properties and attributes
- ★ Payments integration to the system
- ★ Perform data cleansing for validity, accuracy, completeness, consistency and uniformity, writing scripts for checking integrity and fixing it
- ★ Add tables, columns, update data to accomplish new added features and business rules
- ★ Update Stored Procedures and Functions
- ★ Provide End-User support and bug fixing on legacy applications
- ★ SCRUM meetings

+ Software Engineer
Genesis (Ministry of Culture in Cuba)
January 2009 – May 2012

- ★ Development, maintenance and reengineering of software for commercialize and promote cultural products
- ★ Technologies: .Net, C#, ASP.NET, WinForm, WCF, ADO.NET, Entity Framework, PHP, Joomla development plugins, Ajax, jQuery, HTML4, CSS2, SQL Server, TSQL, MySQL, Access, Flash actionscript, i18n, l10n
- ★ Team: 10 people including 1 IT, 2 Project Managers, 2 UI UX Designer, 3 Software Engineers, 1 3D modelers, motion effects and video editor
- ★ Point of Sale (POS) ad-hoc for art framing business (Analysis, design and implementation of modules)
- ★ Inventory Control ad-hoc for art framing business (Analysis, design and implementation of modules)
- ★ Data reporting facilities
- ★ Websites and Multimedia for CD/DVD ROM data driven by XML in order to promote and commercialize cultural products like art paintings, photographies and institutions like art galleries, event and artists
- ★ UI UX jQuery and ad-hoc Javascript used for Front-End validation, set the content to DOM elements, change DOM styling and manipulate its properties and attributes
- ★ Monitor ranking and traffic reports to identify potential SEO issues
- ★ Perform data cleansing for validity, accuracy, completeness, consistency and uniformity, writing scripts for checking integrity and fixing it
- ★ Add tables, columns, update data to accomplish new added features and business rules
- ★ Update Stored Procedures and Functions
- ★ Provide End-User support and bug fixing on legacy applications

+ Software Engineer
Publicitur S.A. (Ministry of Tourism in Cuba)
September 2003 – December 2008

- ★ Development, maintenance and reengineering of software for commercialize touristic destinations and products
- ★ Technologies: .Net, C#, Visual Basic, ASP.NET, WinForm, WebForm, ADO.NET, PHP, REST, Ajax, CakePHP, Drupal, HTML4, CSS2, SQL Server, TSQL, MySQL, Flash actionscript, Macromedia Director Lingo, i18n, l10n
- ★ Team of 15 people including 2 IT, 2 Project Managers, 3 UI UX Designer, 6 software engineers, 4 3D modelers, motion effects and video editors
- ★ In house ERP, CRM and Intranet maintenance
- ★ Migration ASP Classic Visual Basic web application exterior commerce tariff to .Net framework
- ★ Maintenance Document Management System desktop application VB6, adapt business logic
- ★ Booking hotels system for integrate to hotels websites (Analysis, design and implementation of modules)
- ★ Rent a car system for integrate to rent car websites (Analysis, design and implementation of modules)
- ★ Event registration system to integrate to Event websites (Analysis, design and implementation of modules)
- ★ Websites 2.0 mashup with different API web service provider like Google maps, news feed, RSS, ATOM
- ★ Websites and Multimedia for CD/DVD ROM data driven by XML data in order to promote and commercialize touristic companies like hotels, travel agencies, touristic destinations
- ★ UI UX custom Javascript used for Front-End validation, set the content to DOM elements, change DOM styling and manipulate its properties and attributes
- ★ Monitor ranking and traffic reports to identify potential SEO issues
- ★ Data reporting facilities
- ★ Perform data cleansing for validity, accuracy, completeness, consistency and uniformity, writing scripts for checking integrity and fixing it
- ★ Add tables, columns, update data to accomplish new added features and business rules
- ★ Update Stored Procedures and Functions
- ★ Study and selection for the Ministry of Tourism hundred of DNS name for the new .travel domain
- ★ Provide End-User support and bug fixing on legacy applications

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EDUCATION

+ NIIT (2008 – 2009)
Certification J2EE, NIIT www.niit.com India
Certification J2EE. NIIT (Sun y Microsoft Partner) www.niit.com India. Developing Enterprise-wide Applications J2EE (OOP, Exceptions, Applets, Threads, Serialization, Swing, JDBC, EJB, Sockets, RMI, CORBA, JavaMail, JMS, Servlets, JSP, XML, Web Services)

+ CUJAE Engineering College (2003)
Bachelor of Software Engineering, NTI, cujae.edu.cu - GPA 4.82 on 5 max scale equivalent to A
Software Engineering, Software Development Life Cycle, Computer Programming, Parsers, Interpreters, Procedural Programming, Object Oriented Programming, Functional Programming, Database Management Systems, Operating Systems, User Interfaces, Data Structures, Computer Architecture, Digital Electronic, Computer Simulation, AI Descriptive Programming (PROLOG), Network Topology, Mathematics, Mathematical Logic, Numerical Analysis, Statistics, Boolean Algebra, Linear Algebra, Economy. (Pascal, Visual Basic .Net, C Sharp .Net, C++, Javascript, VBScript, XML, CSS, HTML, PHP, ASP .Net, Director Lingo, Toolbook, OpenGL, RDBMS, Foxpro, UML, Rational Rose)

Awards:
Distinction of Relevance at CUJAE Forum of Science and Technology on 4 projects

Also in academic contest:
1st Prize Technical Drawing
1st Prize Linear Algebra
2nd Prize Mathematics II
1st Prize in Descriptive Programming PROLOG