

MR. ARIEL S. VALENTÍN
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PROFESSIONAL SUMMARY

Extreme Programming practitioner with experience building various distributed web applications using Ruby, Java, and Microsoft technologies. Advocate for remote and distributed development teams! Experience and in-depth knowledge of design patterns, performance optimization of Ruby applications, emergent design, and SOA using both SOAP and ROA. Looking to contribute knowledge and talent to a team that shares similar enthusiasm for software craftsmanship and delivering business value.

PROFESSIONAL EXPERIENCE

BIGCOMMERCE Austin TX
Senior Software Engineer April 2018 - Present

Technical Summary

Ruby, Rails, Resque/Redis, dry-rb, Percona MySQL, SOAP, REST, gRPC/protobuf, HTML, CSS, Vim, Git, Jira, Slack, VIM, tmux, Zuora, Salesforce, JavaScript, Angular, PHP, RabbitMQ, NewRelic, Lightstep, and Scala

Responsibilities

- Lead Engineering team for BMP (Billing Management and Provisioning System)
- Architect and decompose BMP into multiple application services using *microservices* architecture and event driven communication patterns
- Lead retrospectives, process improvement meetings, and mentor junior developers
- Provide technical support and guidance for Customer Service and Sales Representatives
- Monitor and improve performance of BMP services (API, Background Jobs, etc...)
- Optimize database design and eliminate query bottlenecks
- Implemented support for VAT and Tax Jurisdictions using Zuora and Avalara
- Upgraded BMP from Rails 4.x to Rails 5.x

ACCIO DATA Dripping Springs TX
Software Engineer Oct 2017 - April 2018

Technical Summary

Ruby, Mocha, JavaScript, MySQL, Redis, Apache HTTPD, FastCGI, SOAP, REST, Vagrant, Ansible, HTML, CSS, Vim, Git, Perforce, Jira, Stride, tmux, and FreeBSD

Responsibilities

- Design and Develop custom Ruby scripts using proprietary web application and ORM libraries
- Create custom integrations with 3rd party data feeds

- Eliminate performance issues related to data access, network requests, and Ruby runtime
- Automate provisioning of development using Vagrant and Ansible
- Introduce Extreme Programming techniques like Test Driven Development
- Standardize development environments and tooling e.g. vim configurations
- Migrate development environments from Perforce to Git
- Mentor Junior Developer and QA Team members

GUST New York NY

Principal Software Engineer April 2015 - Sept 2017

Technical Summary

Ruby, PostgreSQL, Amazon Data Pipelines, Amazon EC2, Amazon S3, Amazon Redshift, Segment.IO, Rails, FactoryGirl, RSpec, Cucumber, Capybara, Ansible, Unicorn, Resque, Heroku, Mac OS X, Ubuntu, HTTP, HTML, HAML, SASS, JSON, SOLR, Sunspot, Cassandra, YAML, git, Javascript, VIM, wemux/tmux, CircleCI, Pivotal Tracker

Responsibilities

- Maintain analytics and reporting infrastructure and assist data scientists to produce reports for product managers, marketing, and finance team
- Integrate with third party systems to deliver analytics pipelines for data warehousing and BI reporting
- Introduced techniques to help adopt remote development e.g. pair programming with tmux on EC2 instances and Sococo
- Lead agile development team for gust.com, a social networking software for investor groups, accelerators, and entrepreneurs using Ruby on Rails and a suite of open source software tools
- Migrated 409a stock valuation components from Morning Star to Xignite Fundamentals

KESTREL - BOEING: DEFENSE, SPACE, & SECURITY Berkeley Heights, NJ

Technical Lead Engineer May 2012 - March 2015

Technical Summary

JRuby, Rake, Sinatra, Factory Girl, Flexmock, Shoulda, Test::Unit, Vagrant, Puppet, Torquebox, Savon, Apache HTTP, XHTML, XSD, XPath, XSLT, SOAP, WSDL, JSON, Java 6+ ANT, Maven, Embedded Jetty, Guava, pef4j, logback, JUnit, Make-It-Easy, Riak, Accumulo, CentOS/RHEL, VIM, tmux, IntelliJ, git, subversion, PostgreSQL, YAML, Apache Storm

Responsibilities

- Migrated custom ETL tools to Apache Storm based solution using AWS services
- Designed and developed a data repository web service that processes over 20 million messages per day
- Implemented custom security modules that comply with ODNI ICD standards
- Integrated custom modules with third-party WSDL based services
- Migrated primary system data store from Riak to Accumulo
- Migrated proprietary distributed Lucene based product to Elasticsearch

- Provided technical leadership and direction for ETL and Web service projects
- Composed puppet modules to manage servers and workstations
- Extended custom performance testing tools to gather metrics
- Lead team retrospectives, product demonstrations, and feedback sessions
- Worked with remote technical requirements team to produce MMFs and backlog
- Serve as a technical mentor for junior developers

SURROUND TECHNOLOGIES, Bloomfield, NJ

Senior Developer January 2012 - May 2012

Technical Summary

JavaScript, jQuery, JSON, HTML 5, SOAP, WSDL, NUnit, Faker, Rhino Mocks, ASP.Net MVC, WPF, WCF, C#, SQL Server (T-SQL), DB2, Windows, Ubuntu, Vim, Visual Studio, ReSharper, msysgit

Responsibilities

- Build custom software solutions for clients using Microsoft technology stack
- Integrate with legacy database and business process engines such as Visual Lansa or DB2
- Lead team retrospectives and introduce continuous improvement model
- Introduce new processes and technologies like Continuous Integration using TeamCity

BENCHMARK SOLUTIONS, New York, NY

Associate Vice President August 2011 - January 2012

Technical Summary

Ruby, Rails, RSpec, Capybara, Passenger, Capistrano, Apache HTTP, HTML 5, JSON, JavaScript, jQuery, CSS, NUnit, Rhino Mocks, WPF, C#, F#, MySql, Windows, Ubuntu, Mac, Vim, Visual Studio, ReSharper, git, msysgit, Visual Studio Team System

Responsibilities

- Developed fixed income pricing components for core product using WPF, F#, and C#
- Profiled and improved system performance using multi-threaded asynchronous strategy
- Built web services using Ruby on Rails to provide feeds and reference data
- Prototyped features for the sales engineering team using Ruby on Rails and jQuery
- Taught agile engineering practices to Junior developers

CYRUS INNOVATION, New York, NY

Director of Technology July 2011 - August 2011

Lead Agile Developer/Coach January 2007 – July 2011

Technical Summary

Ruby, JRuby, Rails, RSpec, Test::Unit, Passenger, Capistrano, Puppet, Apache HTTP, XHTML, Dojo, JavaScript, jQuery, JSON, JSUnit, JSTestDriver, yui, CSS, VXML, XSD, XPath, XSLT, SOAP, WSDL, Java 5+, J2EE (Servlets/EJB/JMS), JEE 5 ANT, Maven, Hibernate, Struts/WebWork, Spring, FIT Library, JUnit, jMock, Tomcat, Axis, JBoss, WebSphere, GWT,

MySql, SQL Server (T-SQL), PostgreSQL, Oracle (PL/SQL), MongoDB, DB2, Perl, CGI, Test::Class, Test::Exception, Test::MockObject, Selenium, Windows, RHEL, Ubuntu, Mac, Vim, IDEA (RubyMine, IntelliJ), Eclipse, git, subversion, perforce

Responsibilities

- Developed custom software applications using lean software development techniques and extreme programming practices
- Coached project teams in the adoption of agile practices and process improvement models
- Provided direction for distributed applications design and implementation
- Facilitated project retrospectives, kaikaku, and kaizen events to help the team produce and execute action plans for process improvement
- Re-engineered an antiquated VB6 application with a Web 2.0 application that provided tax, accounting, asset management, and document tracking systems for a fund management corporation using Ruby on Rails, Java technologies (Struts/GWT/Hibernate/Velocity), and SQL Server
- Developed real-time reporting database using CQRS principles for fund relationship managers and auditors
- Collaborated with multiple teams to architect and implement a student registration system that enabled real-time registration from multiple business channels using POX over HTTP, Java threads, Spring/Hibernate, on JBoss
- Integrated point of sale and supply/chain management systems to fulfill order processing using Spring and Web Services that saved our customer over \$60,000 a year in shipping fees and lost revenue
- Converted Excel based distribution schedules, tax credit, and financial balance sheets into modern Web 2.0 application using Prototype, and Struts
- Developed B2B website that allowed CPA firms to provide tax forms and documents to external auditors using Ruby on Rails
- Designed and implemented applications that enable U.S. military and intelligence agencies to perform mission critical analysis and reports based on classified information
- Applied Protection Level 3 (PL3) compliant system security using RESTful architecture, asynchronous messaging, and Ruby on Rails
- Lead on-site training classes for Extreme Programming practices
- Troubleshoot production deployments and provide remote technical support to system administrators for code written in C, Ruby, Perl, HTML, JavaScript, and bash
- Designed and implemented a testing tool to help automate Apache JMeter test management and reporting for performance tuning team using Ruby on Rails and MongoDB
- Worked with infrastructure teams to create automated continuous integration and deployment environments
- Joined the sales team during client meetings to discuss preliminary estimates
- Interviewed prospective new hires based on code reviews, face to face interviews, and pair programming sessions
- Mentored junior developers and evaluated their performance
- Maintained the company website and deployment process using git, subversion, and capistrano

ALERE, INC. (Formerly PARADIGMHEALTH), Upper Saddle River, NJ
Application Developer August 2006 – December 2006

Technical Summary

XHTML, JavaScript, CSS, NUnit, ASP.Net, VB 6, C#, SQL Server (T-SQL), Windows, Visual Studio, Visual Studio Team System

- Evaluated and integrated Visual Studio Team System to support development life cycle processes and build strategy
- Developed HIPA compliant applications using XP practices from classic ASP/VB6 to .Net
- Wrote automated test cases for unit and integration tests for existing software
- Established team practices such as brown bags and continuous improvement meetings

NUANCE COMMUNICATIONS (Formerly VIECORE, INC.), Mahwah, NJ
Technical Consultant April 2005 – August 2006

Technical Summary

Apache HTTP, XHTML, ECMAScript, Javascript, jQuery, CSS, VXML, XSD, XPath, XSLT, SOAP, WSDL, Java 1.4, J2EE (Servlets/EJB/JMS), ANT, Hibernate, Spring, JUnit, jMock, Tomcat, Axis, JBoss, WebSphere, GWT, NUnit, ASP.Net, C#, SQL Server (T-SQL), Oracle (PL/SQL), Windows, IBM AIX, Vim, Eclipse, Visual Studio

Responsibilities

- Lead web services team that architected and developed WSDL integration for clients
- Developed multilingual interactive voice response (IVR) applications using VXML
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- Evaluated and troubleshot defects in early releases of partner products (IDE , VXML browsers, and OSR)
- Mentored C# developers to use OO principles, design patterns, and TDD with NUnit
- Developed and demonstrated sample voice applications enabling the sales team to earn a multimillion dollar contract with a fortune 500 mobile communications company
- Designed and developed German and Turkish language packs for dynamic audio playback
- Created, designed, and maintained a web based tool to administer voice applications

LIBERTY TRAVEL/GOGO WORLDWIDE VACATIONS, Ramsey, NJ
e-Commerce Web Application Developer/Analyst April 2002-April 2005

Technical Summary

XHTML, JavaScript, CSS, XSD, XPath, XSLT, SOAP, WSDL, Java, ANT, JUnit, jMock, Tomcat, ASP classic, VB6, C#, SQL Server (T-SQL), Windows, RHEL, Mac, IDEA IntelliJ, Visual Studio, Visual Source Safe

Responsibilities

- Implemented session state management and maintained proprietary messaging protocol

- Developed features for the online booking engine including dynamic search tools, navigation, and search query results
- Developed and optimized SQL stored procedures to retrieve content such as customer profiles
- Integrated UI design into dynamic content written in ASP, XML, and XSLT
- Performed load, unit and functional tests that benchmarked applications and hardware systems

EDUCATION

PACE UNIVERSITY School Of Computer Science and Information Systems, White Plains, NY

Master of Science, Internet Technology

LEHMAN COLLEGE / CUNY, Bronx, NY

Bachelor of Arts, Major: Computer Science Minor: English