Jorge Rasillo

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SOFTWARE ENGINEER

Extensive software engineering experience developing applications with a focus on delivering high quality solutions that provide immediate client success and deliver rapid business value. Proven ability to assimilate and adapt emerging technologies to meet customer requirements. Effective leader, directing staff to deliver quality solutions on time.

Skills

- **Current skills:** Go, Docker, AWS, Serverless, Microservices, Python, Elasticsearch, Redis, Postgres, CircleCi, Devops, REST API
- **Environments**: Linux (Ubuntu, Redhat), AIX, Windows
- **Languages:** English and Spanish

Experience

Syniti, Austin, TX   **2016 – Current**
Senior Software Engineer
Syniti Knowledge Platform
Engineering lead responsible for the delivery of multiple core parts of the system.
- Lead a team to deliver a rule ingestion framework composed of both on-prem and cloud services.
- Led a team to deliver a knowledge based system composed of 4 different services. Technologies included: Cayley graph, Golang, Docker, Redis, AWS suite.
- Led team to deliver cataloguing service functionality, included: system design, development and testing.
- Delivered deployment framework to utilize Serverless framework in place of inhouse deployment tool.
- Delivered search functionality using ElasticSearch
- Additional responsibilities: DevOps incident commander and on-call rotation, Syniti Remote workplace initiative to standardize remote first best practices.

Lenovo, Austin, TX   **2014 – 2015**
Staff Software Engineer
Lenovo XClarity Administrator – Configuration Patterns
Java developer responsible for the delivery of multiple functions in different components.
- Delivered multi-threading deployment function using Java's threading framework. Enhanced REST API to provide additional REST APIs for other components within XClarity.
- Delivered external requirement of expanding bare metal OS deployment to support SUSE Linux Enterprise Server (SLES) 12. Technologies used: Open source xCAT, Python, Ruby, Java

International Business Machines , Austin, TX   **2005 – 2014**
Staff Software Engineer
IBM Pure Flex Configuration Patterns
As Technical lead, oversaw development of new hardware system offering including leading a team of 4 developers to deliver with high quality and on time. Responsibilities included management and supervision of team tasks, coordinating development and testing efforts.
- Developed system fail-over functionality through multiple releases using Java, Javascript, Servlets, as well as an enhanced REST API to expose other patterns functions.
- Collaborated with Sales and Support team providing customer advocacy, level L3 support, requirements gathering from customers, training sales team on product features, and provided quality metrics to program director.

IBM Systems Director Status Manager Developer
Java developer in charge of enhancing eventing capabilities for IBM Systems Director
- Customer Advocate for *Bendigo Bank* and *Bank of America* that led to multiple resolutions of critsits and better customer relationship.
- As part of a quality initiative, led adaption of code review tool across Systems Director organization.

IBM AIX Scale Out and Solutions
As a developer my responsibility was to bridge the gap between core AIX functions and external components to realize solutions.
- Developed back end service for SOA appliance that leveraged IBM's AIX virtualization workload partitions. Showcased at IBM IMPACT 2008 conference. Technologies used: IBM Websphere and Adobe Flex (
- Created System P Blue Cloud Ensemble Manager proof of concept for *Colgate*, which later became part of IBM Systems Director. Led team of UI and back end developers. Created an automatic build and integration system to enhance our development life cycle.

AIX Tools Team
Led a team of 3 developers to develop of a command line wrapper in Java for a large scale adoption of Rational ClearQuest. Responsible for regression, platform evaluation test, and performance testing. Development and support of tools for the AIX development community that were developed using different technologies such as Java, EJBs, Websphere,DB2, Perl, JSP, and Struts.

Education
Master of Science - Software Engineering - University of Texas at El Paso
Bachelor of Science - Computer Science - University of Texas at El Paso

Publications

"Case Study: Software-fault detection in a Java development environment through constraint checking", *appeared in Proceedings to National Conference for Undergraduate Research, September 2002,(with Leticia Fuentes)*

"Configure IBM WebSphere Information Integrator to access a Lotus Notes database", co-authored with Vinod Lamba, IBM developerWorks tutorial

"Combine the power of WebSphere sMash with Adobe Flex", co-authored with Mike Burr, IBM developerWorks tutorial