Garcia Valencia, Victor

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PROFILE	I am a driven software engineering with a passion for DevOps, agile practices, distributed applications, constant individual and team improvement, and most of all, for getting things done.
	Software engineering has been my profession, and also my hobby, for nine years and counting. During this time, I have strived to contribute in the creation of highly performing teams: both as a team lead and as a team member.
	I began my career in the c++ world developing server applications, and since then, I have been aggressively focusing on developing cloud-based software using the java stack.
SPECIALTIES	microservices and all things java • build automation using jenkins + gradle + git • netflixOSS • reactive programming (rxjava) • java8 + functional programming

TECHNICAL SKILLS

PROGRAMMING LANGUAGES	Java • Groovy • C++ • JavaScript • CoffeeScript	**FRAMEWORKS & APIs**	RxJava • Netty • JMeter • JPA • Hibernate • Guice • JAX-RS • Guava • JUnit • NodeJs • netflixOSS
DEVOPS & BUILD TOOLS	Maven • Gradle • Ant • Jenkins • Archiva • Docker • Ansible	**SOURCE CONTROL**	ClearCase • Git • Subversion
INFRASTRUCTURE AS A SERVICE	Amazon Web Services: EC2, EBS, S3, RDS, ELB,	**METHODOLOGIES**	Scrum

PROFESSIONAL CERTIFICATIONS

SCPJ 6	Sun Certified Programmer for the Java Platform, SE 6	**SCMAD**	Sun Certified Mobile Application Developer
SCPJ4	Sun Certified Programmer for the JAVA 2 Platform 1.4		

EDUCATION	**B.S. ELECTRONIC SYSTEMS ENGINEERING,** August 2001 – December 2005 Instituto Tecnologico y de Estudios Superiores de Monterrey, Mexico State, Mexico • **GPA**: 3.56 USA, 89/100 MEX • **USA Equivalency (by Trustforte Corp)** B.S. Dual major: Computer Engineering and Electronic Engineering

LANGUAGES	**SPANISH**	Native Speaker	**ENGLISH** Bilingual proficiency

IMMIGRATION STATUS	Legal permanent resident
PERSONAL WEBSITE	http://vgarcia.me

Professional Experience

Verato Inc
Principal Software Engineer
McLean, VA
02/2015 - Present

Data Cleanup, Build Automation, Organization building
I have been working at a startup that specializes in data cleanup, and identity matching. Not only have I've been building software using the newest java trends, but also I've been participating in building the culture and the processes.

I've chosen to use rxjava, rxnetty, and the netflixOSS as the base stack for all of our development, and I've been using it to create distributed batch services and micro services.

As the leader of my team, I have been spearheading the implementation of GitHub flow by automating our builds using git + Jenkins + multi-branch workflow plugin + grade + Netflix's nebula suite of plugins.

I have also initiated: the adoption of slack as the messaging platform and the migration from svn to git.

Cvent Inc
Senior Software Engineer
Tysons Corner, VA
11/03/2014 - 02/2015

Crowdtorch by Cvent Saas
Developing event ticketing Saas based on RESTful service oriented architecture. I'm utilizing Couchbase (NoSQL) as the persistence solution, Java as the programming language, Dropwizard as the Java Service framework, and NodeJS/coffeeScript for integration tests.

I'm also utilizing Jmeter to load test existing the existing infrastructure and services.

MICROSTRATEGY INC
Technical Architect
McLean, VA, USA
4/20/2014 – 10/31/2014

MicroStrategy Cloud Enterprise – J2EE/Spring senior developer
Worked with JSF and Spring developing a customer facing portal to manage and service the MicroStrategy Cloud Enterprise (the SaaS version of MicroStrategy). My responsibilities included: provide technical guidance, establish code quality standards, define and configure tools for the reporting of code quality (JUnit,, cobertura, SonarQube, etc.)

MicroStrategy Cloud Enterprise – DevOps, Agile and Continuous Integration
Spear headed the effort to use agile methodologies, TTD development and Continuous integration in the MSTR engineering organization. As part of this effort, I've been performing the role of DevOps for all the projects under my subdivision of engineering.

MicroStrategy Cloud Enterprise – Amazon Web Services and Architecture planning
Planned and analyzed the migration of the MicroStrategy platform to an AWS based solution. This included: evaluating and researching the different db services provided by amazon (DynamoDD, RDS), training in the different services (EC2,EBS, S3, ELB), and proposing architectures based on AWS Services.

MICROSTRATEGY INC **Principal Software Design Engineer** McLean, VA, USA 4/20/2012 –4/20/2014	**MicroStrategy Analytics Express** Worked as a client side software developer for the MicroStrategy Analytics Express SaaS offer. Analytics Express uses Adobe Flex as the front-end/client-side language. My role was to help with to develop cloud-specific features not found in the non-cloud version of the product, and also to service the code as needed to bring this product to the public. Analytics express is free and can be accessed through the following link: http://www.microstrategy.com/us/free/express
MICROSTRATEGY INC **Senior Software Design Engineer** McLean, VA, USA 2/20/2010 – 4/20/2012	**Enterprise load testing infrastructure based on Apache JMeter** Worked extensively with Apache JMeter customizing it to satisfy ambitious internal specifications. The end-product of this work is: a tool that is used for all load testing inside MicroStrategy, a standardized methodology for load testing, and a reporting portal that utilizes the capabilities of the MicroStrategy platform for analyzing, aggregating, reporting and distributing load test data results. The JMeter customization work was done in java, and the data analytics part was done using the MicroStrategy platform
MICROSTRATEGY INC **Software Design Engineer** McLean, VA, USA 2/20/2008 – 2/20/2010	**MicroStrategy Health Center - Generic multidimensional log analysis framework and UI** Developed a Java-based generic log analysis framework that supports defining parsers and data types for many plain texts, and xml log formats. The framework supports type-aware (time, number, string, etc.) filtering, and complex logical filtering expressions. The framework and its corresponding UI are now part of the MicroStrategy Health Center product. This work allows end-users to remotely retrieve log files to be parsed an analyzed in the local machine. **MicroStrategy Health Center - UNIX/Window daemon implementation** Added platform independent (UNIX/LINUX/WINDOWS) daemon/services behavior to using company-proprietary APIs. **MicroStrategy ScanMD - C++/COM Error analysis engine** Developed a parallel multi-process/multi-threaded engine to execute logical health checks and fixes on the MicroStrategy Metadata. The engine was coded in c++ and vb6 interfaced via COM, and it supports defining hierarchies of ordered health checks based on a configurable dependency tree. The checks and fixes can be executed in parallel if they're not dependent on each other. **MicroStrategy Narrowcast Server – main POC and maintenance developer** Continuously supported the Narrowcast server product by fixing bugs and helping with complex customer escalations.

MICROSTRATEGY INC **Software Engineer** McLean, VA, USA 2/20/2006 - 2/20/2008	**MicroStrategy Narrowcast Server - Logging server enhancements** Added state to the then state-less Narrowcast logging server. Implemented in un-managed C++ code. **MicroStrategy Narrowcast Server - DCOM manipulation framework** Developed a c++/COM object-oriented framework to manipulate DCOM configuration of a local or remote machine. The framework is now used during the setup of a narrowcast server cluster, and during the product installation. **MicroStrategy Narrowcast Server - Time zone and Date time framework enhancement** Re-factored the Date-time time-zone classes of the Narrowcast Server product and created an update algorithm to add new time-zones and change existing time-zones. This time-zone classes are now used in product as part of the scheduling feature.
COSMOCOLOR S.A. DE C.V. **Systems Analyst (Intern)** Mexico D.F., Mexico 6/1/2005 – 12/31/2005	**Electronic, ASIC and driver development** Designed and prototyped an electronic human interface for a distributed queue management system by applying electronic circuit design, microcontroller programming in C, implementation of serial communications to a Linux host, Linux daemon implementation and communication to a central server in Java. **MULTOS Smart Card Firmware development** Designed and implemented the storage algorithm for images in a MULTOS smartcard.