**OBEJECTIVE**

Seeking IT Infrastructure, DevOps,Build/ReleaseSoftware Engineer position in Software industry using detail-oriented and good communication skill

**TECHNICAL SKILLS**

* Sound understanding of the Software Development Life Cycle SDLC , Agile methodology
* Expert in SCM tools such as GIT, TFS, Subversion.
* Build Continuous Integration and Release Continuous Delivery process knowledge
* Continuous Integration and Continuous delivery tool set:Jenkins, Hudson, Cruise Control, MSBuild, Devenv.
* CD Tools: Cruise, Urban CodeuDeploy, UrbanCode Release/Build
* Artifact Repository: Maven, JFrog-Artifactory
* Extensive knowledge of defect tracking with JIRA, Stash, Bugzilla, Redmine and process systems HP ALM, Rally
* Expertise in Infrastructure automation using tools such as CHEF and Puppet.
* Good working knowledge on Ruby, Bash shell, Perl and Python scripting on Linux and flavors of Unix including RHEL, CentOS etc.
* Programming languageObject-oriented programming OOP in C , Java.
* Visual Studio v. 2008, 2010, 2012 work in C , VB.NET, and ASP.NET
* Familiarity with the ADO.NET dot net 2.0, 3.5 and 4.0 framework
* Microsoft IIS, IBM WebSphere tcServermanagement administration
* Scripting skill in ANT, NANT, MS Build and Windows Workflow.
* Database design and maintenance in MSSQL v. 2008, 2012
* Understanding of Web Services and API development SOAP/WSDL, REST/CURL, XMLRPC
* Development Tools: Visual Studio, Eclipse IBM RAD
* VM Ware and Hyper V awareness with insight to administration
* Relative Tools: VMWare, Virtual PC, MS Office, Code Collaborator, SQL Server, Amazon AWS

**PROFESSIONAL EXPERIENCE**

**Confidential**

**DevOps Engineer**

* Administer and Maintain Source Code Repositories includingGIT, Subversion and TFS.
* Support concurrent development process with standard Branching and Merge of application source code.
* Created and maintained several build definitions and publish profiles to handle automated builds in an Agile / SCRUM environment.
* Coordinated software application and database deployments across several environments and provided feedback and training to other full-time release engineering staff for production releases during off hours.
* Administration and Support for App Servers on IIS and Websphere
* Developed custom automation build system using Hudson and TFSBuild on Team Foundation Server
* Completed set up of CD environment with focus on UrbanCodeuDeploy.
* Set up uDeploy server along with automated scripts to backup the server and restore from backup for Disaster recovery.
* Wrote CHEF recipes for automated uDeploy agent installs/updates, uDeploy agent relays install/update and configuring the same with the uDeploy server.
* Moved 72 web services and related application to uDeploy and maintained them across 5 environments Develop, QA, UAT, PreProd and Prod.
* Developed strategies, and contracts for validation of deployments and automated rollbacks in uDeploy.
* Designed and implemented fully automated server build, management, monitoring and deployment solutions spanning multiple platforms, tools and technologies including Jenkins Nodes/Agent, Chef, Puppet, Android, VMWare, Amazon EC2
* Built and managed a large deployment of Ubuntu Linux instances systems with Chef automation. Wrote recipes, tools, shell scripts, and monitoring checks.
* Implemented rapid-provisioning and life-cycle management for Ubuntu Linux using Amazon EC2, Chef, and custom Ruby/Bash scripts, Infra build out automation on CentOS, and RHEL platforms over SoftLayer.
* Worked with Chef recipes/cookbooks which involved installing, updating, Oracle 11g, ucDeploy agents, 7zip, updating CentOS, controlling load balancers, updating LDAP servers and many more etc.
* Designed and implemented automation deployment using Urbancode and Cruise to promote major releases, monthly releases, and patches from Development -> Integration/QA -> Staging/UAT -> Production.
* Leveraging project specific knowledge from developers, resolved code conflicts during merges and provided insight as needed.
* Updated bugs and user stories in ALMtool to reflect deployment information when pushing / releasing code, collating them with other information into release notes.
* Work closely with Application Development, Infrastructure Engineering, QA and Project Management Teams.

**Confidential**

**Build/Release and Software Configuration Engineer**

* Working with a team of Developers, QA testers, and DBAs, implemented a code branching strategy for an internal marketing management application.
* Concept and implementing Continuous Integration principles and practices for the Billing Development Team using Jenkins JNLP Nodes, Subversion, ClearQuest, JUnit,FitNesse, Atlassian JIRA
* Manage and Support build configuration for Continuous Integration process.
* Implemented multi-tier application provisioning in OpenStack cloud, integrating it with Chef
* Maintain CI builds with scripts on Wintel Platform for both .Net and Java technologies.
* Support developer IDE's including Visual Studio, Eclipse and IBM RAD Rational Developer
* Follow, enforce, and define Software Process
* Basic system administration on Web or App Servers including IIS and tcServer
* Manage configuration of Web App and Deploy to AWS cloud server through Chef.
* Develop and maintain scripts and internal tools for application deployment through continuous delivery process.
* Create, enhance and peer review documentations on build and release process, CM related etc.

**Confidential**

**Systems Engineer**

* Administer Source Control, and conduct version control, branching, merging, labeling for managing multiple release versions of multiple products.
* Ensures that builds and deployments are executed in a timely manner based on the team's service level agreement.
* Interface directly with development and operational groups in support of software and production release
* Coordinate changes with development managers and operations personnel in the execution and deployment of code.
* Evaluated Perforce, Clear Case, Subversion, Microsoft Team Foundation Server, and demo pro con of each source control to upper management.
* Migrating VSS to Subversion and Microsoft Team Foundation Server.
* Implemented checked in policies, custom controls and forms for Work Items Tracking.

**Confidential**

**Software Engineer**

* Software Development and testing of the software
* Develop the Adaptive cruise control ECU software
* R D of Acceleration Interface as a replacement of Torque interface for Automotive ECUs
* R D and software development and testing of Exhaust Treatment ECUs, Air-System ECUs and Cruise Control ECUs
* Rated as the top performer among 140 associates based on 100 customer satisfaction survey in 2006
* Automated issue tracker system which improved employee productivity by 25
* What are DevOps & Continuous Deployment?
* The DevOps mindset helps developers and IT operations remove barriers that keep them from collaborating in optimal ways. This helps DevOps-focused teams quickly find and fix bugs and make improvements to software as part of a repeatable process called continuous deployment.
* Using continuous deployment, high-performing organizations are deploying code 30 times more frequently, with 50 percent fewer failures than their lower-performing counterparts, according to the [2014 State of DevOps Report from PuppetLabs](http://puppetlabs.com/sites/default/files/2014-state-of-devops-report.pdf). These are the kinds of results that drive increasing adoption of DevOps approaches.
* And since more DevOps means more DevOps jobs, you want experience in DevOps and continuous deployment. Now let’s see how you can go and get you some.
* **Tools & Experience = Skills**
* Enterprises apply continuous deployment procedures using a series of tools and practices. Gain experience with the primary tools and you’re well on your way to adding demonstrable skills to your resume.
* **1. Source Control**
* The first skill is in using tools such as [Git](http://git-scm.com/" \t "_blank), [SVN](https://subversion.apache.org/), or [Perforce](http://www.perforce.com/)for source control (also version control). Using source control, you save and manage your software code base and revisions in a repository. “You're deploying code from your repository. While you can run the repository locally, these tool companies also offer remote code hosting,” says Mark Herschberg, CTO, [Madison Logic](http://www.madisonlogic.com/), who hires DevOps professionals.
* **2. Build Management**
* The next skill is in using tools such as [Jenkins](https://www.cybercoders.com/insights/how-to-add-experience-in-devops-continuous-deployment-to-your-resume/www.cloudbees.com), [Maven](http://maven.apache.org/), or [Ant](http://ant.apache.org/)for build management, which enables you to automate software builds with one click.
* “Typically you'll compile the code and run regression (bug) tests. You can also have the code set things up for deployment,” says Herschberg. You’ll find these tools along with quick start guides and tutorials at the project websites.
* **3. Configuration Management**
* The third skill is in using tools such as [Puppet](http://puppetlabs.com/), [Chef](https://www.getchef.com/chef/), or [Ansible](http://www.ansible.com/" \t "_blank)for configuration management. Using configuration management, you automate the management of thousands of servers.
* “Most major metropolitan areas have Meetup groups on these topics and it's a great way to get involved,” Herschberg says. “The tools are free and it's easy to use them at home or at work, even with just a few servers, which you might run in containers such as[Docker](http://www.docker.com/)or on virtual systems using [VMWare](http://www.vmware.com/)or [Hyper-V](http://www.microsoft.com/en-us/server-cloud/solutions/virtualization.aspx)."
* **4. Monitoring and Log Managment**
* The final skills are in using tools such as [Nagios](http://www.nagios.org/" \t "_blank) for monitoring and tools like [Splunk](https://www.cybercoders.com/insights/how-to-add-experience-in-devops-continuous-deployment-to-your-resume/www.splunk.com" \t "_blank)or[Loggly](https://www.loggly.com/) for log management.
* “Some monitoring tools are open source and some are commercial (even then some have free lite versions). Most are well-documented and easy to configure on your system at home or at work,” Herschberg says.
* Log management tools include mining capabilities so you can retrieve useful log data.
* **Getting Access To Servers & Resources**
* If you don't have access to servers, consider investing some money in cloud servers. “You can run a handful of servers at [AWS](http://aws.amazon.com/)for tens of dollars a week,” Herschberg says. Other cloud services include [Rackspace](http://www.rackspace.com/), [Azure](http://azure.microsoft.com/), [Google Cloud](https://cloud.google.com/), and [OpenStack](http://www.openstack.org/" \t "_blank).

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| DevOps Engineer GlobeSherpa Inc. | January 2012 – Present Columbia, SC |
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| * Formulated Java and C++ Object Oriented codes and scripted PHP, Javascript to develop applications. * Supported HA services and administrated MySQL, Amazon EC2 and Node.js. * Developed and managed delivery pipeline and prioritized functioning period and quick server response time. * Provided assistance to engineers on performance tuning for critical areas. * Optimized server performance, accuracy, failover and scale. * Collaborated with development team to troubleshot and resolve issues. * Implemented and managed framework for evaluating application performance. * Provided support to conduct system testing and integrated more servers to the infrastructure. | |
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| DevOps Engineer Samsung Information Systems America, Inc. (SISA) | November 2010 – January 2012 Irvine, CA |
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| * Designed and assessed engineering functions across multiple platforms. * Provided support to deploy Cloud servers in engineering and IT organizations. * Developed cloud environments to optimize performance in diverse engineering organizations. * Managed and executed zero-downtime production phrases. * Diagnosed, resolved and validated application monitoring solutions for cloud deployments. * Maintained production applications and managed SOAs and metrics performance. * Handled cloud administration tools and management frameworks. * Collaborated with Sys Admin and DBAs to identify deployed issues for component based applications. | |

**What You’ll Do:**

* Automate build and deployment processes in AWS and Cloud Foundry hosting environment
* Create and maintain continuous integration (CI) and continuous deployment (CD) environments to facilitate an agile development process
* Experience in integrating unit tests, smoke test, functional test with code quality analysis tools.
* Understand the solutions developers are building and work on supporting those solutions
* Work with a variety of development and production teams, front end and back end, to provide assistance, guidance, and solutions to help achieve organizational goals
* Serve as an educator to both the development and production team
* Document systems and best practices for software developers and other devops engineers
* Research, recommend and implement new technologies

**Requirements:**

* Excellent customer facing, problem solving, interpersonal, verbal and written communication skills
* 3+ years of relevant work experience: development, ops, and/or test automation experience
* Strong experience running infrastructure within Amazon Web Services (EC2, S3, CloudFormation, OpsWorks, etc).
* Strong background in Unix (e.g., Linux) and Mac OSX environments
* Good understanding of distributed computing environments
* Strong troubleshooting skills
* Extensive experience in the use of version-control systems. Git for SCM / (SVN, CVS, SourceSafe, others)
* Experience with continuous-integration tools such as Hudson/Jenkins, etc.
* Software management and build tools like Maven for built/test/package/deploy automation (grade, ANT, make)
* Experience building services in one or more languages (Python/Perl/Ruby/Java)
* Experience working in a fast-paced agile development environment
* Solid Linux shell scripting (Bash, Ruby, Python).
* Experience with database administration
* Familiarity with REST Services and Service Oriented Architectures
* Experience in integrating unit tests and smoke test with code quality analysis tools like • JUnit, Find Bugs, JIRA and Selenium
* Knowledge in Puppet, Chef Server and development process of Configuration Management tools

**Preferred Qualifications**

* Some experience with query analyzers and query tuning / slow query optimization etc.
* Networking (DNS, TCP/IP)
* Exposure to Virtualization (VMware, Xen, Hypervisor)
* Exposure to security concepts / best practices
* Expertise with IPsec, VPN, Load Balancing, Iperf, MTR, Routing Protocols, SSH, Network
* Monitoring / Troubleshooting tools
* Experience managing full application stacks from the OS up through custom applications

**Benefits**

* Competitive compensation, and benefits, such as private insurance
* Very attractive work-from-home effective at hiring
* Flexible work schedules based around performance
* Meal bonuses when working at the office
* Travel to Boulder, Colorado
* New Apple hardware
* Challenging projects and relaxed work environment

# Skills

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| * OS Expertise: Linux (Debian/Ubuntu, CentOS, RHEL, SLES), FreeBSD, Solaris * Virtualization and Cloud: AWS, Vagrant * Coding Languages: Python, Perl, BASH, C, C++ * Development Tools: GIT, CVS, SVN, RPM, FreeBSD Ports * Deployment Technologies: Ansible, Jenkins, Puppet, PXE, Cobbler * Production Services Supported: Apache, Cassandra, Tomcat, Postfix, Postgesql * Storage Technologies: AWS S3, RAID, LVM, NFS, SMB/CIFS |

Lead DevOps engineer responsible for the infrastructure to support and build the IQTell.com application.

* Driving the effort to completely automate and institute best practices from an operations perspective.
* Building tools to enable developers to work efficiently in psuedo-production environments.
* Deploy Ansible and Jenkins to completely provision and manage AWS EC2 instances, volumes, DNS, and S3.
* Working with developers to streamline their build and release processes.

**MeetMe**, New Hope, PA

**Linux DevOps Engineer**

March 2012 - June 2013

Senior member of a small Linux DevOps team, primarily responsible for deployment, maintenance, automation, backup procurement, scalability planning and management of a cluster of ~950 CentOS servers.

* Implemented Chef in the environment, after evaluating against Puppet, successfully replacing a collection of Bash/Perl/PHP automation scripts.
* Wrote and managed custom RPMs while working on implementing a consistent build environment with Mock.
* Managed deployment of systems with Cobbler and created and maintained the in-house yum repositories for CentOS.
* Wrote an arrangement of Python scripts for managing our LDAP database.