RAJKUMAR

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PROFILE SUMMARY

Innovative DevOps Engineer with around 7 years in IT industry with expertise in Development, Systems Administration and Software Configuration Management (SCM). Extensive experience includes SCM, Build/Release Management, Change/Incident Management, VMware and AWS Cloud computing. Possess hands-on experience supporting, automating, and optimizing mission critical deployments, leveraging configuration management, and DevOps processes. Expert in a variety of platforms, languages, and embedded systems with a strong work ethic and an ongoing commitment to ensuring technical solutions meet or exceed industry standards and management expectations. Possesses good understanding of the principles and best practices of Software Configuration Management (SCM) in Agile, Scrum and Waterfall methodologies. Effectively collaborate with developers, managers, and team members to coordinate job tasks within time deadline.

CORE COMPETENCIES

- Software Development
- Solution Architecture
- Application Architecture
- Continuous Integration
- Configuration Management
- Test Automation

TECHNICAL PROFICIENCIES

Operating System: *Windows, UNIX, LINUX, Mac OS*
CI / CD Tools: *Jenkins, Packer, Chef, Puppet, Ansible*
Scripting Languages: *UNIX Shell scripting, BASH*
Build Tools: *MAVEN, Make, ANT, MS Build*
Web Technologies: *XML, HTML, .Net, Java Script*
Bug Tracking Tools: *JIRA, Fisheye, Remedy, Bugzilla*
Web/ Application Servers: *Apache Tomcat, JBOSS, WebSphere, WebLogic*
Programming Languages: *Java/J2EE, C, C++, Ruby, Python, RDBMS, Oracle, DB2, MYSQL, SQL Server*
SCM Tools: *Subversion 1.5&1.6, Perforce and Team Foundation Server (TFS), GitHub, Bitbucket*
Monitoring Tools: *Nagios, New Relic, Splunk*
Container: *Docker, Kubernetes, OpenShift*
Cloud Environment: *AWS, Azure, GCP*
DevSecOps Tools: *SonarQube, Git Prime, Qualys, Clonezilla*

EDUCATION

OKLAHOMA CHRISTIAN UNIVERSITY, EDMOND, OK   **Apr 2015**
Master's degree in Computer Engineering

Princeton College of Engineering, Hyderabad, INDIA   **Apr 2012**
Bachelor's degree in Electrical & Electronics Engineering

PROFESSSIONAL EXPERIENCE

Software Engineer-III/DevOps-III   **Jun 2017 – Present**
Stratus Technologies, Inc.

- Extensively work on Jenkins to implement continuous integration (CI) and Continuous deployment (CD) processes. Develop custom Jenkins jobs/pipelines that contained Bash shell scripts utilizing the AWS CLI to automate infrastructure provisioning.
- Administrate JIRA and developed workflow schemes for different projects. Create Jira workflows to automate deployment and issue tracking.
- Automate Clonezilla disk imaging to create golden-image and restore image for Stratus IoT devices.
- Maintain +99% up-time and quick turnaround of deployment through development and optimization of infrastructure, server, and deployment strategies.
- Build, automate, configure, optimize and scale more than 1000 servers (VM/physical) and responsible for 20+ internal applications.
- Automate deployment of applications, system configurations, and security settings in AWS cloud-based environment while implementing integrations, updates, and fixes.
- Collaborate with developers to enhance stability and scalability while prioritizing requests from operations, development, and product teams. Work with developers to ensure new environments both meet their requirements and conformed to industry-standard best practices
- Migrate VMWARE VMs to AWS and Manage Services like EC2, S3 Bucket, Route53, ELB, EBS with Chef Cookbooks/Recipes. Set up and manage Linux servers on AWS using EC2, EBS, Security Groups, VPC, IAM
- Work with Jenkins to automate the process of deploying/testing the new build in each environment, setting up a new node and configuring machines/servers. Setup Puppet Master, Puppet Agents for managing enterprise policies and configurations.

Build and Release/DevOps Engineer   **Feb 2016 – May 2017**
Transamerica

- Developed an effective build automation, continuous integration and test environment that reduced integration issues and improved code quality
- Installed, Deployed Red Hat Enterprise Linux 6.x/7.x, CentOS and installation of packages and patches for Red Hat Linux Servers. Deployed mobile applications using Frameworks like (Ionic & Titanium) in various platforms like android & IOS
- Built maintained Docker container by using Jenkins Pipeline, automated build and deployment process with Jenkins, eliminating 80% of manual work and to reduced human error and speed up production processes
- Administered and Engineered Jenkins for managing weekly Build, Test and Deploy chain, SVN/GIT with Dev/Test/UAT/Prod Branching Model for weekly releases
- Automated Weekly releases with ANT/Maven scripting for Compiling Java Code, Debugging and Placing Builds into Maven Repository
- Analyzed and resolved compilation and deployment errors related to code development, branching, merging and building of source code. Maintained and enhanced current build procedures for all software development projects
- Involved in creating new Build Definitions, creating and updating Build Process Templates for new releases and new requirements
- Planned, strategized, designed, migrated and implemented cloud based platforms/applications using AWS, Azure with multiple deployment models as well as private, public and hybrid models
- Established performance monitoring and anomaly detection capabilities for the cloud infrastructure and the product components
- Developed an automated solution and streamlined processes to build, test and deploy infrastructure and software in multiple environments

Infrastructure Engineer   **Jun 2015 – Jan 2016**
General Electric

- Managed the strategic direction of Infrastructure Architects form conception through QA and deployment. Worked closely with the Data Center, Development, Quality Assurance and Management teams to ensure cross communication and confirmed approval of all production changes
- Collaborated with different development teams as a Release Engineer on multiple simultaneous software releases. Developed and implemented Software Release Management strategies for various applications according to the agile process
- Deployed and monitored scalable infrastructure on Amazon web services (AWS) & configuration management using chef. Collaborated in the automation of AWS infrastructure via terraform and Jenkins - software and services configuration via chef cookbooks
- Analyzed, designed, and developed automation tools for deployment, development, and operational tasks. Contribute to build and deploy automation support (CI/CD)
- Built and Deployed Java/J2EE to a web application server in an Agile continuous integration environment and also automated the whole process
- Actively involved in the architecture of DevOps platform and cloud solutions. Participated in weekly release meetings with Technology stakeholders to identify and mitigate potential risks associated with the releases.
- Developed and implemented an agile SDLC and refinement of the software configuration management (SCM) infrastructure. Imported and managed multiple corporate applications into Subversion (SVN). Provided end-user training for all Subversion (SVN) users to effectively use the tool
- Improved customer experience by building, deploying, and scaling web services on virtual infrastructure, swiftly investigating and resolving technical issues

Software Engineer Intern   **Jul 2012 – Sep 2013**
DSR Solutions, India

- Installed, configured, clustered, configured, and troubleshot the Web Logic Application Servers 8.1/9.1/9.2.
- Coordinated with the Application Support team to identify and correct issues and bugs relating to Web Logic. Documented design procedures and test plans.
- Installed and configured Apache Web server and integrated with Web Logic server 8.1/9.1/9.2. Collaborated with developers and the systems engineering team to resolve issues related to application configuration, deployment, or debugging
- Facilitated technical decisions; incorporated feedback and emergent patterns to ensure technical cohesion in product architecture
- Demonstrated fast adaptation to the new environment learning new technologies and programming languages. Worked on all phases of Agile such as sprint planning, daily scrum meeting, grooming, and sprint review