Rajesh kumar
Senior Manager & Principle DevOps Architect
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Total, Over 15 years of extensive experience in the Software Development, Maintance, Continous Improvement and Automation using latest at tools and techniques. Having in-depth knowledge of Software Development using Agile/Scrum, Application Lifecycle Management, DevOps, Continuous Integration and Delivery, Configuration Management, Cloud Migration, Containerization, Release Management and Team Management. Performed various responsibilities in the current and past organization e.g Programmer, Technical Manager, Team Lead, DevOps Architect, DevOps Manager, Build and Release Engineer, SCM Engineer, Developer and SCM Administrator.

Have in-depth working experience in following domains with real project implementation.

• ***Test Driven DevOps Approach***	• ***Technical Debt Reduction***
• ***Continuous Integration***	• ***Containerization Using Docker***
• ***Continuous Delivery***	• ***Cloud Migration using AWS***
• ***Continuous Deployment***	• ***Micro Services & Kubernetes***
• ***Continuous Inspection***	• ***Continuous Monitoring***

Experience Summary

1. Senior Manager & Principle DevOps Architect, **Cotocus** (May 2016 and ……)
2. Sr. Build and Release Engineer at **ServiceNow**, Netherlands (June 2015 and May 2016)
3. Sr. DevOps Architect at **JDA Software**, India (Sept 2014 and May 2015)
4. Sr. SCM Engineer at **Intuit**, India (July 2013 and Sept 2014)
5. Sr. SCM Engineer at **Adobe Systems**, India (April 2011 and July 2013)
6. Sr. Build & Release Engineer at Emptoris (**IBM**) Technologies (May 2010 to April 2011)
7. Sr. Build & Release Engineer at **Ness Technologies**, India (September 2009 to May 2010)
8. Sr. Engineer at **MindTree** Ltd., India (August 2006 to September 2009)
9. Jr. Software Engineer at **Accenture**, India (September 2005 - July 2006)
10. Sotware Developer at **SurgeryPlanet**, India (July 2004 - August 2005)

Education Summary

- ✓ **M. Tech in Software Systems,** BITS, Pilani, India
- ✓ **Master in Science (Information Technology),** Annamalai University, India
- ✓ **Bachelor of Information Technology,** IGNOU, India
- ✓ **Higher National Diploma in Computing & Multimedia,** Edexcel Foundation (UK)
- ✓ **XII (12th),** JIEC, India
- ✓ **X (10th),** BSEB, India

Visa Summary

Netherlands high skilled visa valid till 2020
US Business visa valid till 2018
UK Business visa valid till 2018

Skills Set

	Area of Expertise
Languages	Perl, HTML, Core Java, AngularJs, NodeJs, PHP, DOTNET, Ruby on rails, Python
Version Tools	**Git, Gerrit, Gitlab, Github, Bitbucket, Perforce, SVN, TFS, CVS**
CI Tools	**Jenkins, TeamCity, Bamboo & UBuild,**
Packaging Tools	**Wise Studio, InstallAnywhere and Linux RPM**
OS	Windows, Linux, Ubantu, Solaris, RHEL, Mac OS X
Build Tools	**Maven, Ant, Gmake, makefile, MSBuild, Gradle(F)**
Scripting	**Perl, Terraform, CloudFormation, Bash Scripting, Ruby Fundamental(F)**
Config Management	**Chef, Puppet & Ansible**
Deployment Tools	**UDeploy, Octopus Deploy**
Cloud Platforms	**AWS & Google Cloud(F)**
Containers Platforms	**Docker, Kubernetes, Swarm, Docker Compose, ECS, EKS, GCP**
Package Repository	**Nexus, Artifactory & Nuget**
Montoring	**Elastic Search, LogStash, Kibana, Splunk, Nagios, NewRelic, Datadog**
Databases	MySQL 5, Oracle 9i, PL/SQL
Coverage - Analysis	**SonarQube, Emma, PMD, Checkstyle, Cobertura, Jacoco**
Design	Adobe PhotoShop CS 6, Flash CS, CSS, Visio, DreamWeaver CS
CMS/other Tools	Jira, Joomla, Drupal, Wordpres, Elgg, BugZilla, Atlassso Wiki

Awards and Recognitions

- ✓ ***DevOpsSchool.com*** *– A platform where I share my DevOps knowledge.*
- ✓ ***HolidayLandmark.com*** *– My travel blogging platform*
- ✓ ***Bestdevops.com*** *– I maintain/editor latest technology/practices in DevOps here*
- ✓ ***AIUniverse.xyz*** *- I maintain/follow/editor latest technology/practices in AI/ML here.*
- ✓ ***Bheekho.com*** *– I am developing a platform to connect with social revolutionaries.*
- ✓ ***Team of the Year 2006-07*** *– A part of the Team of the year 2006-07 of MindTree Ltd.*
- ✓ ***Spot Award 2007*** *– For Excellent work in Install and Packaging for the Link Manager Product in short span of time using Wise Package Studio.*
- ✓ ***Team Spot Award 2007*** *– To Setup and Configure the Complex Build and CM system in LSD consisting of 150+ project without having support from outgoing onsite team.*
- ✓ ***Team Spot Award 2008*** *– To Contribute in Styx Development and setup Wise Packaging system and delivered on time which was highly appreciated by clients.*
- ✓ ***Shining Star Awards 2008****- To make the most successful Release ever happened in Symantec LSD team.*
- ✓ ***Osmosis 2008 Techworks Contest winner*** *– To develop a Build system, Antares, A Build Management System.*
- ✓ ***Outstanding KM Leads Awards 2009*** *– To setup knowledge Management Process/Practice across 240 MindTree Project.*

Roles & Responsibilities in details

- ✓ Implementing continuous integration and delivery practices for the project in order to improve the software quality, reduce the cost and immediate software delivery.
- ✓ Maintain, manage, enhance builds and releases to various environments, such as development, QA, pre-production and production.
- ✓ Managing a team of 15 people for the product development, maintaintance in pre prod and prod environment.
- ✓ Helping organization to reduce the technical debt using Continous Inspection and Monitoring.
- ✓ Worked on various projects on VMs to Cloud Migration and Containerization.
- ✓ Working with HackerRank to Migrate their clouds infrastructure to Kubernetes.
- ✓ Managed entire project infrastructures from pre prod to prod which includes version control, build servers, deployment servers, staging servers, qa servers, monitoring & prod.
- ✓ Develop and maintain an efficient and flexible automated deployment framework that ensures repeatable and reliable deployment of releases into multiple environments.
- ✓ Implement branching and merging strategies for major, minor, maintenance and patch releases.
- ✓ Authoring and enabled project/product documentation, such as build procedures; build release notes, and installation/configuration notes, todo, devenv setup etc.
- ✓ Coordinate builds of a release with QA and Release Team.
- ✓ Provide quick troubleshooting and resolution to build issues.
- ✓ 10+ years' of experience as a programmer/build/release/deployment management/monitoring enginerrs
- ✓ 5+ years of experience in managing a team and products and bringing innovation in SDLC cycle.
- ✓ Proven track record of success and excellence in working with enterprise class large scale applications in production environments.
- ✓ Helping Ops Team to devlop stable configuration mgmt. using chef and puupet.
- ✓ Strong working knowledge of Perl or shell scripts, Maven and Ant
- ✓ Detailed knowledge of the Unix/Linux operating system and tools.
- ✓ Sound understanding of web technologies and virtualization.
- ✓ Excellent problem solving, analytical skills and technical troubleshooting skills

Currently working as Senior Manager & Principle DevOps Architect with Cotocus Ltd. I am managing the entire Deveopment Setup and team which consist of 15 members broadly supporting the Developemet and Maintainance of jetexe.com, eborrow.in, aiaviationacademy.com, scmgalaxy.com, wakilsahab.in & surgeryplanet.com in pre-prod and prod environment.

I am also involved addressing the corporate consulting and training work for clients of Cotocus related DevOps, CICD & Cloud automation. Successfully

transitions the training and consulting in following organization in the last 24 months…

Verizon, Nokia, World Bank, L&T Technology Services, Sapient, Astrazenica, Cognizant, Vodafone, HCL, Mphasis, Barclays, ITC, Tata Technology, CastSoftware, BMC, WorldBank, Cognizant, Qualcomm, HCL, Citrix, 3DPLM, Namecheap, Qualcomm, EMC2, Vodafone, BMC, HSBC, Toshiba, Hexaware, Citrix, Wellsfargo, IBM, Brillio, HPE, Synechron & many more
Full List - http://rajeshkumar.xyz/clients/

I. ServiceNow – Sr. Build & Release Engineer

Project Description: Worked as a Build and Release Engineer in Servicenow, Amsterdam, having a responsibility to manage and improve the large and complex build infrastructure which includes 300+ build slaves, 5 Jenkins Servers, CM server in Cloud(AWS). Also involved with build IT infrastructure management and automation using Chef.
Environment/Skills: Git, Gerrit, Redhat Linux, Bash Scripting, Nexus, Maven, Chef and Jenkins

II. JDA Software – CM/DevOps Architect

Project Description: Working as a architect in JDA Software to implement continuous integration and delivery model and streamline the build and release process for 130 products. Also work on to standardization the different tools and processes within organization.
Environment/Skills: Git, Gitlab, Redhat Linux, Bash Scripting, Artifactory, Maven, Puppet and Jenkins

III. Intuit Technology – Sr SCM Engineer

Project Description: Worked as a Sr SCM engineer for a unit called "Small Business group" which has many products including QuickBooks Online(Java), Desktop(.net), Android, POS and Camps. SCM infrastructure has many tools and technologies such as Jenkins, Maven, Nexus, Perforce, and Git in Linux and Windows Environment.
Environment/Skills: Git, Perforce, Bitbucket, Redhat Linux, Bash Scripting, Nexus, Maven, Chef and Jenkins
Role and responsibilities:

- Helping on CI/CD initiatives for Quickbooks online.
- Manage and Improve the existing Jenkins servers and plugins.
- Manage the Perforce servers and gitlab servers.
- Research, design, automate and deploy new systems and solutions that enhance our

SCM processes (e.g. Sonar, Git, Jira, Build Pipelining, Cobertura etc.)

- Coordinate with distributed team across different geography and support SCM, Build, Deployment and Release.
- Maintain and extend strong relationships across product management and product development

IV. Adobe Systems – Sr SCM Administrator (Perforce, BuildForge and Jenkins)

Project Description: Working as a Senior SCM Engineer in a team of 4 members, responsible for handling 15 Perforce servers which has more than 150 perforce instance, 150+ proxy and 5000+ users and 10 Terabytes disk space. I am also responsible to handle 30+ Continuous integration build forge servers. Currently we are handling 35+ RedHat Linux Machine for our application hosting purpose. Development teams are located in Seattle, Minnesota, Canada, Ireland, England, Germany, Japan, and India.

Environment/Skills: Perforce, Redhat Linux, Shell Scripting, Perl, Jenkins and BuildForge

Role and responsibilities:

Perforce Server Administration task includes....

Application administration for all Perforce servers

- Manage user accounts, groups, licenses and security on all Perforce servers
- Perforce server / proxy / remote depots Setup, Upgrade, Migration and maintenance.
- Monitoring of all perforce servers up and down events and take appropriate measures to make up all the time.
- Performance monitoring which including monitoring suspicious user's activities which might block others users activities on the same server.
- Maintain the standard and processed adhered by all the team's
- Monitoring the Large process which has ability to consume more RAM, detect and kill it using automation script / manually.
- Create & test scripts needed for effective & efficient use of Perforce.
- Monitoring Disk Space and cleanup activities and prepare maintenance, backup/archival and DR plans
- Design and implement utilities to set up and monitor the various development tools, CM and integration testing environments
- Address Perforce Education and Training needs by identifying the kind of training, tools, depot structure, branching, group policies, security and scripting and user documentation required.

BuildForge Server Administration task includes....

Setting up the new server / Upgrades and Maintenance
Project Data backup and Restore.
Troubleshooting and Debugging of the issues in BuildForge
Training and Documentation

V. Emptoris Technologies (IBM) – Services Procurement - A Java Based Project

Project Description: Emptoris Services Procurement delivers transparency into an organization's services spend, demand and procurement process. It automates the entire complex purchasing workflow for multiple categories, including IT outsourcing, contingent labor, facilities management, business consulting and marketing, and enforces compliance with laws, policies and controls

Environment/Skills: Perforce, Ant, Redhat Linux, Shell Scripting, Jira, Emma, Sonar, Hudson

Role and responsibilities:

- Supporting team for Build & Release requirement & Responsible for daily build and Request Build
- Plan configuration and New Project Setup in Hudson
- Ant script changes according to branch/release specification
- Build debugging in case of build failure.
- Helping team in Release Activity (Code Completion, Code Freeze, Branching, Tagging and Release of Build)
- Build Server and CM server management, plugins integration, upgrade and maintenance.
- Build Automation and Build deployment and Smoke Testing
- EMMA & Sonar Implementation
- Linux System Administration

VI. Ness Technologies - Chordiant CFS - A Java Based Project

Project Description: Chordaint Foundation Server is a set of distributed component that work together to provide an execution environment for eBusiness applications. Using Chordiant Forundation Server, you can create distributed multi-channel, multi-datastore and data driven eBusiness applications based on open standards that can be adapted for future technologies.

Environment/Skills: Subversion, Bamboo, Maven, Ant, Solaris, Shell Scripting, Jira, FishEye, Crucible, Clover, Crowd, Sonar

Role and responsibilities:

Supporting team for Build & Release requirement & Responsible for daily build

Plan configuration and New Project Setup in Bamboo and Debugging

Maven script changes according to branch/release specification

Helping team in Release Activity (Code Completion, Code Freeze, Branching, Tagging and Release of Build)

Build Server and CM server management, plugins integration, upgrade and maintenance.

VII. MindTree Ltd. - Symantec LiveState Delivery – A Java and C++ Based Project

Project Description: LiveState Delivery provides the capabilities that administrator can successfully automate client management tasks, such as provisioning, configuring, updating, and migrating computers. You can encapsulate management tasks into packages that are sent to computers with Windows, UNIX, Linux, Pocket PC operating systems. LiveState Delivery lets you manage computers and mobile devices throughout their lifecycle by leveraging proven technologies, including agent-based deployment, imaging, and native installation.

Environment/Skills: MKS Integrity, Perforce, Ant, Suse Linux, AnthillPro, Gforge, InstallAnywhere and Tomcat, Shell Scripting, Batch Scripting

Role and responsibilities:

The primary responsibilities include:

MKS Integrity Administrator in Suse Linux Environment & Perforce administration in Win2003

Configuration Manager in Perforce multisite environment

Acted as a Release Manager and Install engineer additional

Automating builds using Ant scripting/batch programming in Anthillpro

Responsible for Daily builds, Continuous build and patch builds

Setup of Build Machine, Software configuration, Cleaning and maintaining the Build machines

User Management and administration in CM and Build tools

Setting up Build environment in Windows and Linux Environment

Communicating the build breaks to the developers on time and providing workarounds in order to move on the build cycle time frame.

VIII. MindTree Ltd. - Symantec Ghost Solution Suite – A .Net Based Project

Project Description: A Remote Access Management Project, Symantec Ghost Solution Suite is the industry's most widely used enterprise imaging and deployment solution with ease-of-use for managing the entire PC lifecycle, including OS deployment with hardware-independent imaging, software distribution, easy migration of user settings and profiles, and secure PC retirement.

Environment/Skills: Perforce, Wise Studio, Continuum and Gforge

Role and responsibilities:

Acting a CM and Build Server administrator for Perforce and Continuum build server

Automating builds using Ant scripting and Continuum

Creating Installer using Wise installer for Hot Fix, Patch and Services pack Release

IX. MindTree Ltd. - Symantec GoEveryWhere – A PHP and JS based Project

Project Description: GoEverywhere is a secure online workspace or storage hub which allows users to access and use web applications regardless of where users are or which computer they are using. Users can access web applications to do word processing, carry out spreadsheet work, prepare presentation slides, read Gmail, etc. All the web applications will be aggregated into a single palette, known as webtop screen by Symantec.

Environment/Skills: *Subversion, RPM, Ant, RedHat Linux and CruiseControl*

Role and responsibilities:

Creation of RPM Packages and RMP packaging for Redhat Linux based distribution system

Build Automation and RPM package Deployment Automation

CM and Build Server setup and Maintenance.

Multimedia and design layout support using Photoshop and HTML

X. MindTree Ltd - LiveState Package Manager – A C++ and .Net Based Project

Project Description: The LiveState Delivery Package Manager provides everything that user need to create, modify and manage your Symantec LiveState packages. User can connect to a LiveState Configuration Server to download packages to modify, and publish new packages. User can create new packages by manually specifying all the necessary information, or user can use the packaging tools to create new packages, and then open them in the Package Manager to make necessary modifications before publishing them

Environment/Skills: *Perforce, Visual Studio 2003, Ant, AnthillPro and Gforge*

Role and responsibilities:

Setup and configuration of CM server and build server

Establish the CM, build and Release Process across the team.

Involvement in Branching, Labeling, tagging and Release activities

XI. MindTree Ltd - Link Manager – A Java Based Project

Project Description: A Web based tool develop in Java

Environment/Skills: Application Packaging, Wise Studio, Wise Scripting, VB Scripting, Tomcat and Jboss

Role and responsibilities:

Creating an Installer using Wise Studio for Hotfix, Patch Release and Major release

Creating windows installer packages for W2K, XP & Vista

XII. Accenture India Ltd - BellSouth, US

Project Description: Bellsouth recognized as one of the leading worldwide providers of IP-based communications services to businesses. We also have the nation's fastest 3G network and the largest

international coverage of any U.S. wireless carrier, offering the most phones that work in the most countries; the largest Wi-Fi network in the United States; and the largest number of high speed Internet access subscribers in the United States.

Environment/Skills: *Harvest, Unix, Shell Scripting, Oracle 9i, Defect & Feature Management,*
Role and responsibilities:

Worked as Configuration and package Engineer in Unix Environment. Worked in Project and Configuration Management. Set up Defects and Features for DDS, create packages and Install into Servers, wrote PL/SQL and Shell scripting to run on the server and Configure Software lifecycle management for Different Releases Using Internal tools.