**CURRICULUM VITAE**

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**Technical Summary**

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Experience in **Build**, **Release & Configuration Management for Deutsche Bank Market Risk**

**group**.

Working with Development team to identify and prioritize the issues/escalations related to Software

configuration and release management.

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Responsible for the Onsite coordination to the offshore Team

Extensive experience in tools like, **GCM**, **Enterprise Jira**, **Enterprise Teamcity, Geneos** (Server,

Application and database Monitoring tool) , **Crucible and Fish Eye**(Code review tool) , **CollabNet-SVN,**

**Git Hub and Git Stash**, **Nexus** , **VeraCode** and Udeploy (Udeploy urban Code tool).

Hands on experience with **Confluence Page** (Atlassian Wiki) , **Unix Putty, winSCP ,Git bash, Symphony**

(Incident ticketing tool) and Hudson & Jenkins continuous integration tool.

Client interaction - Status update , assignment discussion

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Highly self-motivated with good work ethics, analytical and problem solving skills and multitasking

ability.

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Ability to work in groups as well as dependently with minimum supervision and initiative to learn

new technologies and tools quickly.

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Efficient Team Player with good communication skills and interaction with team members.

Completed internal certification like Shell scripting , Basic Java and ISTQB

Presented a case study on software configuration management and considered as one amongst the

best 3 in internal competition

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Handling deployment on non-prod environments manually and through puppet

Debug environmental issues

Co-ordinate with other teams like unix , database and MQ team in building new environment.

Perform database refresh on non-prod environments as and when request comes from testers.

Co-ordinate with unix and windows team during patching.

Monitor health check of 16 environments.

**Skills**

Tools

Putty, Geneos, Enterprise Teamcity, Enterprise Jira, Crucible & Fish Eye,Control-M, VeraCode,

Udeploy, Nexus, Confluence , winSCP, Git Bash,Symphony Ticketing tool, PPA,GCM, Artifactory,

Service request, Hudson & Jenkins, Puppet,SDM

Operating

Systems

Unix-SUN Solaris 10, 11.0, Linux, 3.0, windows.

Tech

UNIX, LINUX, SVN, GIT.

Languages



**Academics**

**COURSE**

**INSTITUTION**

**SCORE**

SSLC

Karnataka state

board

90.56%

PUC

Karnataka state

board

81%

75%

B.E

(Electrical and

Electronics)

Visveshwariah

Technological

University

**Employment history**

**Company**

**Project Name**

**Size**

**: ANZ Operations and Technology Pvt Ltd.**

: Global Markets

: 4

**Role**

: Devops

**Duration**

: Jan 2016 – Till date

**Project Description**

Collaboration between software development, environment management and quality assurance.

FX team to manage, contributes, innovate and industrialize pre production environments in support of

development teams.

**Roles and Responsibilities**

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Innovation and Industrialization of platform deployment. Optimizing and streamlining build and deployment

cycles of development teams.

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Increase levels of automation.

Decrease build times.

Increase the number of feedback loops to development teams, but reduce their elapsed time

Management and maintenance of non production environments – encompassing locally controlled aspects

and centrally controlled services.

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Reduce environment downtime.

Handling deployment on non-prod environments manually and through puppet

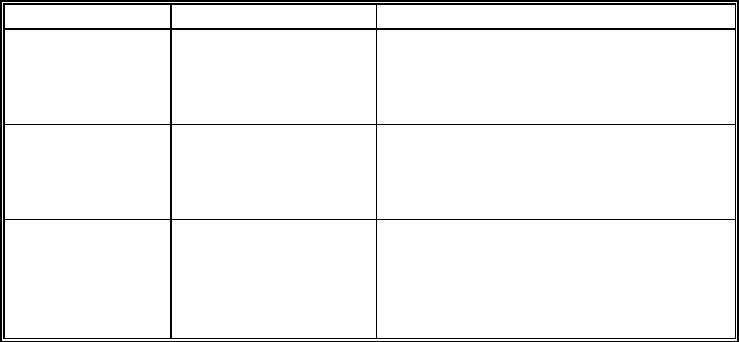
Debug environmental issues

Co-ordinate with other teams like Unix, database, windows, citrix and MQ team in building new environment.

Perform database refresh on non-prod environments as and when request comes from testers.

Co-ordinate with Unix and windows team during patching.

Monitor health check of 16 environments.



**Company**

**Project Name**

**Size**

: **HCL Technologies limited.**

: DB MRIT

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**Role**

: Configuration Build and Release management

**Duration**

: July 2011 – Dec 2015

**Project Description:**

A horizontal team to all MRIT development applications, managing release and configuration with all

development tools used across client. Market Risk IT application includes applications based on JAVA, C++, Oracle,

Plsql and testing on standard tools.

**Primary project Role:** **Release Engineer**

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Release contents and Impact details Sheet. Central free accessed SharePoint release link to be updated by

individual PM's with help of dev/offshore PM's.

Update Release Notes.Release notes to be updated by individual PM's with Change details, Sponsors, MRM

and MRO's details, Change area and benefits etc.

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Create Release Dashboard and Tag Jira's to Release Dashboard.

Update the fixversions of your jiras which are going in release to the fixversion 'Release-xxx', so that it will

appear in release dashboard (This should be done only if UAT sign-off obtained).

Once all above procedures completes will publish Release content to Dev leads for final confirmation.

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**Release Procedures and Responsibilities:**

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Release Version and Date Announcements after discussion with MRM and MRO's.

Announce dates and details with Dev/Configuration & Release management team/Environment team.

Provide next\_release branches to Dev teams to check-in their code to release branch for release (Deadline of

check-ins given).

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Notify and remind Project Dev leads to tag all jira's to confirmed release dashboard for release.

Follow up with Dev leads in getting confirmation about all release changes checked-in to release branches.

Dev leads to check all changes checked-in and raise build request to configuration management (CM) team.

CM team to verify is all check-ins to release branch done against confirmed release dashboard jira's only.

CM team proceed with build using Enterprise TeamCity tool, Nexus to upload build artifacts using automated

scripts.

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Post build all the build artifacts will be verified by Dev teams to proceed for code deployment on UAT

environments for Testing.

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Environment team will deploy latest changes to UAT environments for Testing.

Dev leads will verify deployment logs on build content.

Baselines sign off activity from testing team on deployed changes.

Confirmation as complete and correct on Release(Confluence) page from project Dev leads.

Code Deployment for Regression from Environment team.

Regression Testing will commence and will be confirmed from Project leads on results(Completed successful

or failure).

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Release deployment steps/instructions will be collected from Individual PM's with help of dev leads or

application team members.

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Update all release deployment instruction on release page with build artifacts and other release details.

Prepare/Raise release GCM request to deploy changes on PRODUCTION environment along with deployment

instructions.

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Place all required approval on GCM request, attach necessary documents and move GCM to approved.

Attach Release Notes, Testing Completion Reports, Implementation and Backout plans,other additional docs.

Represent GCM request to CAB(Change Advisory Board) meeting and get sign-off for release.

Prepare and provide Release RunBook for release on release day.



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Release Day support(Includes Release Call arrange, Release update(every hour),Conference OCS with all

release support SPOC's(discuss any failures to fix),etc).

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After Release, update Release page with latest release version and details.

Merge all next\_release changes to "Current Production" and get verified from involved application teams and

next\_release branches to collect changes, start release process.

**Secondary project role: Configuration Management**

**Responsibilities:**

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Configuring automatic builds using TeamCity tool.

Creating code reviews using crucible Tool.

Code deployment on Environments for SIT, Regression testing.

Access management , FixVersion & Component creation, Dashboard, Agile Boards, Release dashboard

creations on Enterprise Jira,

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UDeploy and Handling Configuration for UAT and PROD deployment automation.

Geneos Monitoring configuration for server health check and application monitoring for UAT, DEV and PROD

servers.

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GCM creation for any application or infrastructure changes across MRIT application, organizing CAB meetings

for UAT/PROD GCM’s, with standard process flow given by Bank.

GIT and SVN repository management, includes Branch creation, user access management, code merge after

release to production branches, migration activities, build automations configuration for repositories both

user and branch build job configuration.

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End to End support on any new user onboard process, from tool configuration support to development

environment setup help for any new resource onboard to MRIT applications.

**Technologies used:** Shell Scripting, oracle, unix.

**Tools Used:**  Subversion, Git Stash, Git Hub, Teamcity, Fish eye Crucible, Jira, UDeploy, GCM, Sonar, Geneos,

Unix Putty, WinScp, Confluence, Nexus, Maven etc.

Team Size:  **7**

Achievements: Implemented 2 value adds

**1. Automation of Daily checks:**  CM team is responsible for checking the health of all MRIT application

URLs, new databases and build servers.

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**Approach taken to implement the solution**

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Automation of daily manual work

**Impact of the solution implemented**

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4hrs of manual daily effort has now been reduced to 1/2 an hour by automating the checks.

Data is now refreshed every 5 mins. Up-to-date reports are now available on confluence page

accessible by all the members of DB-MRIT.

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**Learning during implementation**

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New commands on unix front

Webserver usage

Iframe usage on Confluence pages

**2. Comparison Tool:** Feature branches are created to check-in code for a particular project.Often these

branches are not made up-to-date with the latest production and development is done on the stale code

base.As a result , SIT/UAT happens on the wrong code base.



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**Approach taken to implement the solution**

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As part of post-release activities, we have proposed that CM team will compare the released

code to all the open feature branches to make sure development is aware of the changes

released to production and take care of the conflicting changes. A compare tool to be created for

GPC and Edge applications to run through teamcity.

**Impact of the solution implemented**

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Up-to-date code at all phases of SDLC

Less merging issues during regression

Less CM effort required as automated the activity

Less manual errors

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**Learning during implementation**

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Release Process /SDLC process streamlining

**Hobbies**

Listening Music, solving suduku , Cooking , Playing shuttles.

**Declaration**

I hereby declare that the above written particulars are true to the best of my knowledge and belief.

**Priyanka.R**

