

RANJEET KUMAR JHA

Passport No – L3576190

Technical Lead

+91-7774007106

 ranjeetb2w@gmail.com

Objective

To achieve excellence in PLM Teamcenter through innovative work and accelerated learning process and to work with an organization giving responsibilities and challenges along with opportunities to grow.

Profile Summary

- A dynamic professional experience of **10** -years in **PLM (Teamcenter Unified-8.3, 9, 9.1 & 10.1.2) domain** 2-tier & 4-tier.
- Having experience and Sound knowledge of **Teamcenter Administration\Configuration**
- Having experience and Sound knowledge of **Teamcenter -Aerospace migration testing**
- Having experience and Sound knowledge of **Teamcenter -SolidWork integration testing**
- Having experience and Sound knowledge of **AWC (Active Workspace) testing**
- Having experience and Sound knowledge of **Teamcenter –Pro\E integration testing**
- Having experience and Sound knowledge of **Teamcenter-CAPA Development testing**
- Having experience & sound knowledge of **BMIDE** (Hot & Cold Deployment)
- Having Experience of **Teamcenter 2 & 4 - tier** installation.
- Having experience of **Oracle 10g & 11g R1\R2** installation
- Having knowledge of functional testing tool **QTP UFT**
- Having experience and Sound knowledge of **Software Testing**
- Having experience and Sound knowledge test management tool (**HPQC ALM, Footprint, Digite, Bugzilla & JIRA**).
- **Lean concept** trained from Geometric & Honeywell
- **Six Sigma Green Belt** Certified
- **PMP (Project Management Professional)** trained from Simplilearn
- **Agile** trained from **Honeywell**
- Experience on different level of testing viz. **System Testing, SIT, UAT, Regression Testing**.

Domain Experience

PLM Experience:

- **Teamcenter Unified 8.3, 9, 9.1, 10 (2-tier & 4-tier)**
- **Module 1:** Structure Manager, Workflow, Access Manager, Change Manager, Organization, Query Builder & Multisite
- **Module 2:** BMIDE(Business Module Integrated Development Environment)
Business object, LOV's and Rules I.e. Naming Rule, Deep copy Rule etc...
- **Module 3:** MPP(Manufacturing Process Planner) FTS (Full Text Search), Projects & Data Security

CAD Experience:

- SolidWorks-2010,11,12
- Pro/E(WF4, WF5 & Creo Parametric)
- SWIM (SolidWorks integration with Teamcenter)

- IPEM (Pro/E integration with Teamcenter)
- Aerospace – MediaOrder Matrix10

Technical Skills

- **PMP (Project Management Professional)** trained from Simplilearn
- **Manual Testing**
- **Automation Testing Tool:** QTP(Quick Test Professional 11.0)\UFT
- **Test Management Tool:** Quality Centre -ALM, Bugzilla, FootPrint & Digite
- **Scripting language:** VB Script
- **Operating System:** Windows XP/2007/2008/2010
- **Databases:** Oracle 10g & 11g
- **Other Training:** Automation Tool, SDLC, STLC, PLM Fundamentals, Six Sigma & Lean concept

Details of Professional Experience LTTS (Feb 2021 to Till Now)

- Designation : Technical Lead
- Role : Teamcenter Functional Consultant, Tc Testing,ST, SIT,UAT,REG
- PLM Tool : Teamcenter Unified 10.1.2 & AWC 4.3
- Management Tool : JIRA
- Database : Oracle 11g
- Project Name : Aristocrat
- Location : Bangalore

Roles & Responsibilities:

- ✓ Work directly with the Product owner to understand the business Requirements.
- ✓ Prepare the CRS (Customer Requirement Specification) on the basis of business discussion or FRS (Functional Requirement Specification)
- ✓ Teamcenter Installation
- ✓ Working on Workflow Testing.
- ✓ Working on BMIDE for creating various custom object.(Item, IR, Naming rule etc)
- ✓ BMIDE (Hot & Cold Deployment)
- ✓ Working on various Tc modules such as Organization, Structure Manager, Workflow, MPP etc.
- ✓ Test case preparation for newly enhance feature as well as on the basis of SRS
- ✓ Prepare the test script for Functional, Smoke & Configuration testing and execute them.
- ✓ Knowledge sharing session of overview of product to newly joined colleague in Team
- ✓ Requirement Analysis, Requirements gathering, Test case Design, Test Data Set up
- ✓ Performing all aspects of managing quality

Honeywell Technology Solution Lab (April 2015 to Feb2021)

- Designation : Embedded Engineer
- Role : Teamcenter Functional Consultant, Tc Testing,ST, SIT,UAT,REG
- PLM Tool : Teamcenter Unified 10.1.2 & AWC
- Test Management Tool : HPQC ALM
- Database : Oracle 11g
- Project Name : NGPDM
- Location : Bangalore

Project Description:

Next Gen PD is a Teamcenter- Aerospace migration project.

Teamcenter migration with Aerospace enables all the design information, captured, controlled and shared by any Organization is a single, highly secure PDM environment.

Roles & Responsibilities:

- ✓ Oracle 11g Client installation.
- ✓ Teamcenter Installation
- ✓ Working on Workflow & Change Manager.

- ✓ Working on BMIDE for creating various custom object.(Item, IR, Naming rule etc)
- ✓ Working on various admin modules such as Organization, Structure Manager, Access Manager etc.
- ✓ Creation on ITAR licences, ADA, IP Clarence
- ✓ Validation of Multisite i.e. Import, Export, Synchronization etc.
- ✓ Full controlling the Organization like, creating User, Adding Group Role & discipline etc.
- ✓ Part of the Review team for new develop functionality.
- ✓ Validate the functionality of Migration.
- ✓ Test case preparation for newly enhance feature as well as on the basis of SRS
- ✓ Raise the issue reported as a bug during testing in test management tool “HPQC”
- ✓ Prepare the script for Functional, Smoke & Configuration testing and execute them.
- ✓ Knowledge sharing session of overview of product to newly joined colleague in Team.
- ✓ Requirement Analysis, Requirements gathering, Test case Design, Test Data Set up.

Geometric Ltd. Project#6 (Aug 2014 to March2015)

Designation	: QA Engineer
Location	: Sweden
Role	: Testing
PLM Tool	: Teamcenter Unified 8.3/9/ 9.1(Rich Client & Thin Client)
CAD Tool	: Catia V5
Automation Tool	: QTP UFT
Test Management Tool	: QC ALM
Database	: Oracle 11g
Project Name	: VCC (Volvo Car Corporation)

Project Description: Teamcenter Integration for Catia V5 enables all the design information created in Catia V5 to be captured, controlled and shared by any Organization is a single, highly secure PDM environment, while version management and access control ensure that the right people get the right information at the right time.

Roles & Responsibilities:

- ✓ Frame work designing (Hybrid Framework).
- ✓ Write the script for all the new develop functionality using VBScript language.
- ✓ Maintain the POC, Batch file, Utility run, Document and Script file.
- ✓ Check the functionality of integration i.e. TCIC (Integration testing).
- ✓ Knowledge sharing session of overview of product to newly joined colleague in Team.
- ✓ Unit testing to check the new functionality developed.
- ✓ Requirement Analysis, Requirements gathering, Test case Design, Test Data Set up.

Teamcenter:

- ✓ Working on Structure Manager.
- ✓ Working on MPP (Manufacturing Process Planner).
- ✓ Working on various admin modules such as Organization, Project, Query builder etc.

Geometric Ltd. Project#5 (May2014 to July2014)

Designation	: Software Engineer/QA Engineer
Location	: Germany
Role	: Support/Testing
PLM Tool	: Teamcenter Unified 8.3/9/ 9.1
CAD Tool	: Pro-E WF4
Database	: Oracle 11g
Project Name	: GEPII (Oil & Gas)

Project Description: Teamcenter Integration for Pro/Engineer enables all the design information created in Pro/Engineer to be captured, controlled and shared by any Organization is a single, highly secure PDM environment, while version management and access control ensure that the right people get the right information at the right time.

Some Key Feature of Integration:

- Search, create and edit ProE objects, including drawings, parts and assemblies
- Create new product revisions or version updates for work in progress
- Create baseline configurations of assembly structures for release or archive purposes
- Create assembly transformations supporting digital mock-up Generate drawing title blocks using Teamcenter attributes
- Support of ProE, design tables/Family tables
- Save auxiliary files created using ProE (tif, jpeg, cgm...)

Roles & Responsibilities:

Product Validations:

- ✓ Check the functionality of integration i.e. IPEM (Integration testing).
- ✓ Knowledge sharing session of overview of product to newly joined colleague in Team.
- ✓ Unit testing to check the new functionality developed.
- ✓ Requirement Analysis, Requirements gathering, Test case Design, Test Data Set up.

Teamcenter:

- ✓ Working on Structure Manager
- ✓ Working on BMIDE for creating various custom object.(Item, IR, Naming rule etc)
- ✓ Working on various admin modules such as Organization, Project, Query builder etc.

Project#4 (Jan2014 to May2014)

Designation	: Software Engineer/QA Engineer
Role	: QA Automation Engineer
Test Management Tool	: Bugzilla
Automation Tool	: QTP 11.0
PLM Tool	: Teamcenter Unified 10
Database	: Oracle 11g
Project Name	: Siemens (Teamcenter Manufacturing Automation)

Project Description:

TC Manufacturing (MPP) automation using QTP as an Automation Tool. It includes Creation of various test cases from Siemens internal Tool (QART), Test suite execution, maintenance and Bug reporting as major activities

Roles & Responsibilities:

- ✓ Understanding of business requirements and functional specifications.
- ✓ Scripting, writing functions and resolving all issues identified.
- ✓ Understanding the manual test cases from Teamcenter MPP and developing the automated scripts according to functionality using QTP.
- ✓ Development of automation scripts as per approved automation test suite document.
- ✓ Using the version control tools to make sure to sync the functional libraries, object repositories & scripts are in common place
- ✓ Experience in Design, develop, maintain and enhance automation test scripts.
- ✓ Executing the test cases in Batch mode.
- ✓ Debugging the scripts in maintenance mode and updating the scripts according to enhancements in application.
- ✓ Automation as per approved requirements and work with client to get signoff.
- ✓ Maintenance of manual scripts, implementing change Requests and resolving issues while running the scripts.

Teamcenter:

- ✓ Oracle 11g Client installation.
- ✓ Teamcenter 4-tier RC installation.
- ✓ Working MPP (Manufacturing Process Planner)
- ✓ Working on Access Manager.

Geometric Ltd. Project#3 (April2013 to Jan2014)

Designation : Software Engineer/QA Engineer
Role : QA Engineer
Test Management Tool : Bugzilla
PLM Tool : Teamcenter Unified 9.1
Database : Oracle 11g
Project Name : **PNG off Shore Siemens (Estee Lauder)**

Project Description: Estee Lauder Inc. (ELC) is in process of implementing Siemens Teamcenter Product Lifecycle Management (PLM) for their Artwork Management.

As part of Artwork Management implementation PDS (Product Data Systems) and ESKO (proofing tool) integration with Teamcenter will be accomplished.

Roles & Responsibilities:

Product Validations:

- ✓ Take FS (Functional Specifications) from customer and write the test cases based on them.
- ✓ Preparations of Requirement Matrix, Workflow, UI & Format test cases.
- ✓ Validate the functionality of Customization.
- ✓ Test Script preparation for newly enhance feature.
- ✓ Raise the issue reported as a bug during testing in test management tool "Bugzilla"
- ✓ Prepare the script for Functional, Smoke & Configuration testing and execute them.
- ✓ Unit testing to check the new functionality developed.
- ✓ Knowledge sharing session of overview of product to newly joined colleague in Team.
- ✓ Requirement Analysis, Requirements gathering, Test case Design, Test Data Set up.

Teamcenter:

- ✓ Oracle 11g Client installation.
- ✓ Teamcenter 2 & 4-tier installation.
- ✓ Working on Workflow process & Sub-process on Teamcenter 2& 4 tier.
- ✓ Working on various admin modules such as Organization, Project, Query builder etc.

Geometric Ltd. Project#2(Nov2012 to April2013)

Designation : Software Engineer/QA Engineer
Test Management Tool : Digite
PLM Tool : Teamcenter Unified 9.1
Database : Oracle 11g
Role : Manual testing
Project Name : Teamcenter CAPA Development

Project Description: Corrective and preventive action (CAPA also called Corrective action / Preventive action) is a concept within good manufacturing practice (GMP) to help improve Product Quality. CAPA focuses on the systematic investigation of discrepancies (failures and/or deviations) in an attempt to prevent their recurrence (for Corrective action) or to prevent occurrence (for Preventive action). The result of implementing a CAPA solution is well documented investigation and solution that will satisfy regulatory requirements in various industries and form the basis for an effective continuous Quality improvement process for any manufacturing company.

Roles & Responsibilities:

Product Validations:

- ✓ Validate the functionality of Customization.
- ✓ Test Script preparation for newly enhance feature.
- ✓ Raise the issue reported as a bug during testing in test management tool "**Digite**"
- ✓ Prepare the script for Functional, Smoke & Configuration testing and execute them.
- ✓ Unit testing to check the new functionality developed.
- ✓ Knowledge sharing session of overview of product to newly joined colleague in Team.
- ✓ Requirement Analysis, Requirements gathering, Test case Design, Test Data Set up.

Teamcenter:

- ✓ Oracle 11g Client installation.

- ✓ Teamcenter 4-tier installation.
- ✓ Silver Light installation.
- ✓ Working on Workflow & Change Manager.
- ✓ Working on BMIDE for creating various custom object.(Item, IR, Naming rule etc)
- ✓ Working on various admin modules such as Organization, Project, Query builder etc.

Geometric Ltd. Project#1 (Jan2011 to Nov2012)

Designation	: Software Engineer/QA Engineer
Role	: Development/Manual testing
Test Management Tool	: Footprint
PLM Tool	: Teamcenter Unified 8.3/9/ 9.1
CAD Tool	: SolidWorks2010/11/12 & Pro-E Wf4/5/M140/Creo Parametric
Database	: Oracle 11g
Project Name	: Siemens UG Program (ipem & swim)

Project Description: Teamcenter Integration for Pro/Engineer enables all the design information created in Pro/Engineer to be captured, controlled and shared by any Organization in a single, highly secure PDM environment, while version management and access control ensure that the right people get the right information at the right time.

Teamcenter- Integration for SolidWorks software allows to reduce product development cycle times and cost by enhancing SolidWorks environment to deliver a single source of product data for design and manufacturing teams, while enabling access to a full range of product life cycle management (PLM) capabilities to further optimize your design-through-manufacturing processes.

Some Key Feature of Integration:

- Search, create and edit SWS/ProE objects, including drawings, parts and assemblies
- Create new product revisions or version updates for work in progress
- Create baseline configurations of assembly structures for release or archive purposes
- Create assembly transformations supporting digital mockupGenerate drawing title blocks using Teamcenter attributes
- Support of SW/ProE, design tables/Family tables
- Save auxiliary files created using SW/ProE (tif, jpeg, cgm...)
- Create and vault DirectModel (JT) files for digital mockupConforms with Teamcenter policies, including security and data access On-demand access to the

Roles & Responsibilities:

Product Validations:

- ✓ Bug fixing and enhancement using Core Java (J2SE).
- ✓ Check the functionality of integration i.e. IPEM & SWIM (Integration testing).
- ✓ Test Case preparation for newly enhance feature.
- ✓ Knowledge sharing session of overview of product to newly joined colleague in Team
- ✓ Raise issue reported as bug during testing in test management tool (Foot Print).
- ✓ Unit testing to check the new functionality developed.
- ✓ Requirement Analysis, Requirements gathering, Test case Design, Test Data Set up.

Teamcenter:

- ✓ ClearCasae installation.
- ✓ Teamcenter Client-Server & server installation.
- ✓ Working on Structure Manager
- ✓ Working on BMIDE for creating various custom object.(Item, IR, Naming rule etc)
- ✓ Dispatcher & Tc-Visualization installation
- ✓ Working on various admin modules such as Organization, Project, Query builder etc.

Trainings

- Minor Industrial training from **DREAM-SOFT** in **ORACLE (DBA)**(15 days)
- Major industrial training from **VEDISOFT** in **CORE-JAVA**. (30 days).
- **Post Graduate Diploma** in **Automation Testing** from **Mind Scripts Technology Solutions**.

Workshop/Seminars

- Participated in the workshops on **C\C++ & JAVA** in **FUTEXPO 2K7** in **TCT**.
- Participated in the workshops on **ORACLE, IBM AS-400** in **FUTEXPO 2K7** in **TCT**
- Participated in **national level** expert lecture on **BASIC PROGRAMMING LANGUAGES** delivered by **SATYAM COMPUTERS** in **Jagriti** 2007.
- Participated in **national level** expert lecture on **HOW TO PREPARE FOR IT WORLD** delivered by **COGIZANT TECHNOLOGY SOLUTION** in **Jagriti** 2007.
- Participated in **TECHFIZZ'07** a national level workshop on **PROJECT MANAGEMENT** in **TCT**.
- Paper presentation on **MOTHERBOARD, IBM AS-400 & Greed Computing**.

Extra Curricular Activates

- **NCC "B"** Certificate holder.
- **AIR 36th** rank in Green Olympiad organized by Hero-Honda in 2000.
- **AIR 24th** rank in Math Olympiad organized by CBSE in 2000
- **Ranked 1st** in swimming Cluster & Regional level in Free-Style 200m.
- Participated in **(U-17) swimming** event of the Kendriya Vidyalaya Sangathan National Sports Meet-2000 held at K.V. Bilaspur.
- **Wiz Crew** Award (Team of the year) at Geometric Limited in 2012.
- **Kudos Award** (performer of the quarter) at Geometric Limited in 2013.
- **Kudos Award** (performer of the quarter) at Geometric Limited in 2014.
- Performer of the quarter at **Honeywell** in 2016
- **Star performer** Award at **Honeywell** in 2017

Academic Credentials

B.E (Computer Science & Engineering) from Bansal Institute of Science & Technology under R.G.P.V (Bhopal) and secured 66 % aggregate (2010).

Personal Details

Name	: Ranjeet Kumar Jha
Date of Birth	: 25-Oct-1987
Father's Name	: Sri. Paras Nath Jha
Mother's Name	: Dev Sati Devi
Language	: Hindi, English, Methli
Hobbies	: Reciting Poem, Diary Writing and Swimming.
Passport No	: L3576190
Passport Expiry Date	: 21-July-2023