TEK012100 (PLM - Teamcenter - 6 + Year)

▪ MS

Highlights

- I am a committed Teamcenter / PLM Developer with Good Experience in designing, implementing, and customizing Siemens Teamcenter across versions TC 11.2 and 13.2.
- I specialize in simplifying data management, streamlining workflows, and enhancing system performance.
- Skilled in using tools like ITK, Dispatcher, SOA, BMIDE, and Active Workspace, I tailor Teamcenter to meet specific business requirements.
- I also have a strong background in building smooth, user-friendly interfaces with React, JavaScript, and Angular, and I'm experienced in configuring modules like My Teamcenter, Stylesheets, Handlers, Structure Manager, Workflow Designer, and Query Builder.
- Additionally, I handle complex customizations, including 3D PDF creation and JT validation, and I integrate Teamcenter with systems such as MCAD, ECAD, and ERP, deploying on cloud platforms like AWS, Snowflake, and Azure.
- With a solid foundation in Agile project management, I lead projects end-to-end, provide production support, and ensure efficient system operations.
- I'm known for my ability to drive process improvements, collaborate effectively with cross-functional teams, and mentor others to achieve high-impact results

Troubleshooting and Support activities :

- Good experience debugging and resolving problems fast
- Develop and Re-Write the code to maintain the code compliance and standards using the Checkmarx and SonarQube tools.
- Interacted with clients to gather requirements and efficiently implement them.
- Worked in a team-based, agile atmosphere to meet deadlines and complete tasks.
- Present design concepts to the clients and work with the team to meet the client's needs.
- Prepared test cases for the requirements in HP ALM tool.
- Involved in preparing user manuals.
- Involved in all functionality's regression, Integration, UAT, sanity, and smoke testing

Skills

Primary Skills

- BMIDE
- BOM Management
- ITK

Secondary Skills

- Integration
- Testing
- Upgrade

Other Skills

- **Applications :** Teamcenter 11.6 and 13.2, AWC 5.2, NX 1953, NX2212, Eclipse IDE, GIT, SVN, Jira, Jenkins, Conan, Visual studio2019, SQL Developer, Rally, ALM, Checkmarx, SonarQube, SourceTree, CADIQ, pdf2text, GitHub, Confluence, MS Office, HP ALM, CATIA, Power BI, Tableau, Hyper- V VM, Linux, Android Studio
- **BMIDE Templates :** Foundation, BCT, Integration CATIA
- **Soft Skills :** Teamcenter Modules, Workflows and automation, Customization, BMIDE, SOA, ITK, Teamcenter API, Database Management, Debugging and troubleshooting, Presentation, Communication, Quick Learner, Congenial person, Decisive, Punctual, Leadership and Teamwork, Volunteering, Ability to work under pressure, Ticket Solving
- **Languages :** Java, JavaScript, React.js, Angular, C++, RAC, Pom Enquiries, Bash Scripting, OOPS, IText, Automation, ITK, XML, SQL, Apache Maven, Apache Ant, Apache Spark
- **Databases :** Oracle, Snowflake, Data Warehousing, PLM Data Structures, DBMS, MySQL, JSON, AWS Cloud services, Azure, DBT, DB2, DataStage
- **Teamcenter Modules :** Workflow Design, Workflow Handlers, ITK, Stylesheets, Preferences, Utilities, Standalone Java tools, BMIDE, Query Builder, Server-Side customization, Validation Manager, Extensions, Server exits, Teamcenter Installation (OOTB, Custom, AWC), Data Model, ACLs, SOA Client services, Dispatcher

Projects

Project - 1 (1.5 months)

Role : Software Engineer

Responsibilities :

- Manage Agile sprints in Rally, achieving 100% completion rate and meeting project milestones efficiently.
- Build No-SQL models for HR tools like Time Off Tracker, boosting storage efficiency and access speed by 30%.
- Design and implement data warehouse structures using ER and dimensional modeling, with Star and Snowflake schemas, improving report accuracy by 25%.
- Developed detailed project plans, JIRA dashboards to monitor progress, improving visibility & ensuring timely

milestone delivery.
- Develop Wisely Pay backend and UI in React.js, Angular, and SQL, collaborating with UI/UX to reduce user friction by 25%.
- Utilize Snowflake for payroll warehousing and perform predictive modeling with R and Excel, improving data accuracy by 20%.
- Designed and developed ETL mappings to collect data from various sources using REST API.
- Integrated backend with Elasticsearch, MySQL, Oracle, and DynamoDB, creating RESTful APIs and GraphQL, improving data retrieval speed by 35%.

Project - 2 (5 months)

Role : Full Stack Developer

Responsibilities :

- Developed front-end features using Javascript and React, boosting user experience for manufacturing and sales teams.
- Integrated NetSuite ERP with SAP PLM Cloud Manufacturing and other enterprise systems, enabling seamless data synchronization and improving supply chain visibility by 45%.
- Led the development of RESTful APIs for the "Manufacturing Process Optimizer" project, ensuring real-time data exchange between NetSuite ERP, SAP PLM, and internal systems, reducing manual effort by 60%.
- Developed front-end features using HTML, CSS, JavaScript, React, boosting user experience for manufacturing and sales teams.
- Managed CI/CD pipelines using Jenkins and GitLab CI for continuous deployment of NetSuite ERP enhancements, reducing deployment times by 40% and ensuring seamless software delivery.
- Migrated on-premises systems to AWS, Snowflake Cloud as part of the "NetSuite Cloud Transformation" project, improving data scalability by 50% and reducing infrastructure costs by 25%.

Project - 3 (10 months)

Role : Data Analyst

Responsibilities :

- Led TAConnect development using MERN stack, improving interactions for 1,000+ students and faculty.
- Developed websites with JavaScript, Angular, improving user engagement in an Agile environment.
- Engineered secure back end with REST APIs, managing 50+ daily appointments between students and TAs

Project - 4 (28 months)

Role : PLM Teamcenter Developer & Project Manager

Responsibilities :

- Developed and maintained modules for Teamcenter architecture design application leveraging C++, Java, Oracle, Scripting, Itext, and ITK with performance over 85% and handled critical PROD crashing bugs during project delivery.
- Developed PDM server calls to integrate with NX, improving data synchronization between CAD models and Teamcenter.
- Built Java application using iText APIs to generate TDP files for CAD models, specifications, and compliance records.
- Created test automation tool for Java application, reducing testing time by 80% and improving validation efficiency.

- Collaborated with production users, clients to troubleshoot and resolve Catia, Teamcenter issues, ensuring seamless operations.
- Implemented 50+ user stories and defects via Pointers, Java, memory allocation in C++, reducing bug frequency.
- Spearheaded the implementation and customization of Teamcenter PLM solutions, including Part & BOM Management (CAD BOM, EBOM, MBOM), Release & Change Management, and Document Management.
- Collaborated with production users and clients to troubleshoot and resolve Teamcenter-related issues, ensuring seamless operations.
- Recognized with Best Employee Award for exceptional 100% CSI performance and valuable team contributions.
- Developed validations using Validation Manager, integrating with RAC for dynamic rule enforcement.
- Installed and enhanced Dispatcher services for 3D PDF creation and JT validation using Anark and CADIQ tools.
- Built real-time SQL integrations between Teamcenter and Snowflake, using a Java tool to automate data extraction and downstream updates, enhancing data accuracy and process efficiency by 30%.
- Worked on Structural design of a transport aircraft wing.Covering the structural designing of an aircraft wing.
- Design of structures and analysis using Catia V5.
- Managed Teamcenter version 13 upgrades, resulting in a 40% improvement in system stability and operational performance.
- Coordinated and conducted training on ARAS PLM system with a group of PLM and process experts for project managers across Americas, and China locations.
- Developed Planning BOMs in SAP ERP, enhancing material planning accuracy and warehouse efficiency.
- Solutions implemented include management of Engineering Change & Release (BoM, Parts) with ERP integration, Global Product Programs, Lifecycles & Workflows for automating approvals, Supplier Sourcing and Controlled Documents.
- Handling 6+ Team members including Developer & Testing team.Front face Interaction with client for the project for all activity & deliverables

Project - 5 (27 months)

Role : Teamcenter Testing Engineer

Responsibilities :

- Created strategy for UAT, Unit, Integration testing, coordinating with QA/Dev teams, ensuring 100% test coverage.
- Developed and deployed 5+ SOA utilities to streamline data collection from production systems, initiate workflows, and fetch required data with 25% increased efficiency, improving overall data processing speed and accuracy.
- Customized RAC tools, performed BMIDE customizations, including codeless and code-based extensions for improved workflows.
- Built utilities to fix production data, update item types, and optimize data fetching for migrated records.
- Designed and enhanced workflows for validation, PDF operations, and automated release processes, integrating with RAC tools.
- Created custom handlers to validate properties, update items, and streamline release operations using Teamcenter extensions.
- Developed and documented comprehensive test cases, performing integration testing to validate system performance and reliability.
- Engaged in C/Java/C++ programming, focusing 40% on troubleshooting memory, and performance issues within Teamcenter.
- Conducted independent workshops to gather business requirements and documented user needs for enhanced system customization.
- Collaborated using Git/GitHub for software management and Jira, dedicating 20% to version control and tracking.
- Demonstrated self-motivation by independently managing tasks, ensuring timely project delivery with minimal

supervision