

**TEK010146** (ThingWorx - 8 + Year) BTech

Highlights

- Lead Developer having 8 years of experience in Software Development, Application Development, Application Maintenance and support and Project Execution.
- In-depth experience working on PTC Thingworx, and FlexPLM Applications.
- Proficient in utilizing a wide variety of frameworks and tools to develop high-quality solutions to boost efficiency and productivity.
- Adept in analyzing information system needs, evaluating end-user requirements, custom designing solutions, and troubleshooting for complex information systems management.
- Experienced in working with clients, business managers and technical teams for executing concurrent projects.
- Involved in various aspects of the software development life cycle – gathering and analyzing the requirements, designing, estimating, planning, developing, implementing, and testing.
- 2 + years of experience in Designing, Developing and Implementation of Thingworx Application, Thingworx Extension.
- Experience in Implementing SOAP, Restful services and Microservices, and Serverless Functions using Java, Spring boot, and Spring Cloud.
- Experience in Agile work methodology.
- Hands-on experience in JPA Frameworks.
- Active member of Technical Interview Panel and help by facilitating technical interviews

Skills

Primary Skills

- SQL
- Thingworx (8.5, 9.1, 9.2, 9.3)

Secondary Skills

- Java
- Linux

Other Skills

- **Application:** Thingworx (8.5, 9.1, 9.2, 9.3), FlexPLM (11, 11.2, 12), Windchill (11, 11.2, 12), Thingworx Retail Connector (TRC).
- **Languages / Frameworks:** Core Java, J2EE, Web Services (Rest & SOAP), Spring, Spring Boot, JPA, Maven, HTML, CSS, JavaScript, JSON, XML.
- **Build Framework:** Apache Ant, maven, BIF, SCF (Simple Change Framework).
- **Data Sources:** Oracle SQL, Microsoft SQL Server, PostgreSQL, MySQL.
- **Operating Systems:** Linux, Windows
- **Development Tools & Environments:** Eclipse, JDK, Java Decompiler, TortoiseSVN, SonarQube, Post Man, Soap UI, SQL Developer, JIRA.

Projects

Project - 1 (23 months)

Role and Responsibilities :

Tech Lead

- Working as Tech lead for Thingworx Practice. Responsible for analyzing, estimating, and planning of upgrade Activity.
- Designed and developed Thingworx application for windchill part management and change dashboard.
- Working on Upgrading legacy code, deprecated API, and deprecated widgets.
- Working on upgrading Thingworx code for windchill legacy rest API to OData API

Project - 2 (12 months)

Role and Responsibilities :

Tech Lead

- Working as Tech lead for this project, leading team of 5 member.
- Responsible for analyzing, estimating, planning of requirements.
- Also responsible for managing the team to make sure timely delivery of each requirement.
- Designed ThingWorx application to track all test data in real time.
- Earlier Lab team adopted excel based data monitoring.
- Worked on OData services to retrieve data from Windchill and visualize it on Thingworx UI.
- Worked closed with customer technical team, business users to finalize the requirements, conducted multiple demo sessions with users and technical team.
- Collected feedback and implemented changes to application.
- Planed, prepared training sessions for business users for smooth transition between excel base process to web Application.
- Designed batch to read legacy and real time lab data and process it to Database.
- Designed serverless functions to fetch real time data

Project - 3

Role and Responsibilities :

- Supervise and lead a team of 7-10 members, designed, configured a complete product Hardgoods hierarchy. Successfully delivered Hard-goods phase, also got recognized multiple time for seamless delivery and team management.
- Closely worked with client to understand requirement, provide estimate and plan it for PROD release.
- Utilize java, rest api, windchill, flex api and Java EE to develop a fully automated product management

system for efficient management of product.

- Designed and implemented Microservices to integrated FlexPLM material, supplier, color, and other data with downstream system.
- Implemented Tech-pack app, material aggregation report, care label report application using ThingWorx.
- Collaborated closely with customer, cloud team, development team to guarantee fully functionality and performance for production server on post go-live.
- Oversee all phases of the project stating from conceptualization, design, and development to progress and deployment.
- Took part on customer discussions on system performance, design modification for project improvement.
- Designed and developed integration point window to manage all process queue and schedule queue.
- Developed re-usable framework to implement schedule queue, processing queue and reschedule queue entry

Project - 4 (15 months)

Role and Responsibilities :

- Closely involved with client's various analyst team to finalize data mapping between FlexPLM and Riversand system.
- Worked with Riversand technical team to finalize API details, data format and JSON schemas.
- Designed generic framework to retrieve data from FlexPLM server and convert it finalized mapping configuration.
- Given demo to client's business user, technical team to manage and maintain application

Project - 5 (3 months)

Role and Responsibilities :

- Developed "Visual Line Collaboration" Dashboard, A PTC's R&D Product. Involved with PTC's R&D team for design discussion, UI Changes, Performance Improvement, and future scope for improvement.
- Worked on Thingworx entities like mashup, things, data shape, style Definition, various widgets.
- Given demos to various customer on VLC application functionalities, how app is helpful for the business

Project - 6 (6 months)

Role and Responsibilities :

Developer

- Designed and implemented SFTP server, migrated from Windows server file share system to SFTP using key based authentication.
- Worked on data migration and application upgrade, code upgrade.
- Implemented Build Framework to Simplify the promotion of changes from Development to Production

Project - 7 (3 months)

Role and Responsibilities :

- Was in multiple roles for this project.
- Involved in requirement, design, development phase of this project.
- Designed and implemented complete product hierarchy for hard goods section.
- Designed access control rules for all users, includes user creating, group management and define access

rules based on groups

Project - 8 (5 months)

Role and Responsibilities :

Technical Analyst

- Worked as a Technical analyst, involved in requirement phase, provided designs, and developed POCs (proof of concepts) for complex BOM (build of material) and integration data integration for America's region.
- Developed complex Tech-pack report, which pull data from product, skus, source (includes vendor and country data), cost sheet and BOMs.
- Lead team of 4 people and delivered a whole phase on-time, supported could team on build management

Project - 9 (8 months)

Role and Responsibilities :

- I was part of development and design team.
- Worked as technical analyst role, supported on-site team on existing implementation, build management, password encryption/decryption.
- Implemented complex data integration for smooth Product management on FlexPLM server.
- Designed and developed rest client and server which runs on a schedule time. Implemented log entries for future audit.
- Developed 2-way SSL authentication for rest services

Awards

- Quarterly Award - Outstanding Performer (2nd quarter 2021)
- Employee of the year (2018, nominated on 2019)
- Spot Award (Oct 2017, Jun 2018, Nov 2019)