TEK010136 (ThingWorx - 10 + Year)

📘 BCA - Computer Science

Highlights

- Overall,10 years of development,consultation,administration and troubleshooting experience
- 4+ years of experience in functional designing, development, and implementation of IoT ThingWorx applications
- 6+ years of experience in design, development, and implementation of Adobe ColdFusionweb applications.
- Single point-of-contact for engagements such as Bajaj, Cummins, Thermax, Lafarge-Holcim etc. on a pro-active basis
- Designing and solutioning ThingWorx application technical architecture, estimations for new Request for Proposal (RFP)
- Provides backline support, assists, and shares knowledge with teams that supports similar product, applying best practices for quality service and handling
- Mentor, oversee, train senior and junior engineers reach their goals and improve technical capabilities.
- Develop and cultivate senior engineers to expand skills, improve team performance and retain skill sets
- Manage and initiate projects to meet identified technical need; define scope, identify key resources, and stake holders to execute the action plan to meet critical deadlines
- Perform Root Cause Analysis and document lesson learned and opportunities to improve processes before project closure
- Collaborate with SMEs, enterprise-level, solution and project-level architects, and system/integration developers
- Works with relevant analyst, development teams (onshore & offshore) to ensure coordinated response and resolution to highly escalated and/or visible issues
- Good experience working in Onsite-Offshore model and direct interactions with customers

Skills

Primary Skills

- IOT
- Rest

Secondary Skills

- SCADA
- SOAP

Other Skills

- Installation and Configuration:
- ThingWorx Platform:
- Application Development:
- Data Management:
- Integration:
- Protocols and Interfaces
- User Management and Security:
- ThingWorx Analytics
- Development Leadership
- Backend Services and Debugging:

Projects

Project - 1

Role and Responsibilities :

Sr . Technical Lead

- Execute and support the requirement and analysis team to gather desired requirement from the client
- Architecting, data modeling and designing the solution
- Installation of ThingWorx 9.0 on customer provided Azure Windows VM
- Configuring SSL certificates in Apache Tomcat on which ThingWorx is deployed
- Leading and managing development team
- Assigning tasks to junior and senior developer
- Conducting daily standup with team members for tracking project status
- Reviewing and providing comments to the team members on the task performed
- Co-ordinating with client SMEs for integration of different processes of respective plants
- Managing customer and driving customer weekly call
- Technically assisting junior and senior developer
- Co-ordinating with different SCADA vendors for getting data from the PLC SCADA system to ThingWorx platform

Project - 2

Role and Responsibilities :

Sr . Technical Lead

- Conducting meetings with customer during requirement gathering phase
- Installation of ThingWorx platform and platform analytics
- Configuration of self-signed SSL certificates
- Configuring ThingWorx database extension for connecting and retrieving data from Ignition database for desired frequency
- Writing SQL queries for fetching data from Ignition SCADA database
- Supporting Cummins IT team for port opening procedure for accessing Ignition SCADA database from Azure VM on which ThingWorx was installed
- Leading a team of members
- Assigning task to team members
- Conducting daily standup for task tracing
- Reviewing and providing suggestion to team members
- Co-ordinating with respective client plant members for requirement traceability

Project - 3

Role and Responsibilities :

Sr . Technical Lead

- Played a role of technical lead for a team of 4 members for guiding them to implementing the solution in ThingWorx IoT platform
- Single point of contact for technical assistance for client
- Conducting daily standup with team members for tracking project status
- Managing customer and driving customer weekly call
- Technically assisting junior and senior developer

Project - 4

Role and Responsibilities :

Sr . Technical Lead

- Involved in the entire development life cycle of the application
- Architecting, data modeling and designing the solution
- Designing and building Mashup as per customer expectation
- Developed complex features and ensured the quality product
- Played a major role in connecting plant PLC with ThingWorx configuring Kepware
- Responsible for developing services and subscriptions to transfer live data coming from sensor to web application
- Onsite (Spain) visit for integration with ordering system and SAP through SOAP and REST respectively

Project - 5

Role and Responsibilities :

Consultant (Cold Fusion Developer)

- Requirement gathering also involving Pre-analysis, posting queries and detailed discussions with onsite team to get clear requirement.
- Preparation of detailed design document with Functional, Non-Functional, Assumptions, Risks and performance factor and shared with users for their approval.
- Preparation of Unit test case document at granular level to ensure the coverage of full requirement.
- Handling Production changes / defects and delivering the implementation / fix on time in addition to the current delivery.
- Made sure that all the deliverables are confined to quality norms and have been delivered on time.

Project - 6

Role and Responsibilities :

Resident Engineer (Application Support)

- Resolving production defects tickets
- Validating data and providing data fixes
- Communicating application users for resolved tickets
- Monitoring application scheduler and batch processes