

Pradeep Jaladi
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Summary:

- Overall 16 years of extensive experience in full project lifecycle, agile software development, application design and architecture, documentation and project planning, database design, systems analysis and database optimization, conversion & integration, technical support; testing and implementation of various multi-tiers & multi-threaded applications for Storage, Travel, Enterprise & Revenue Management Domains
- Worked with architects, management, network, security and various team to define and improve architectural solutions
- Provided guidance on technologies, cloud solutions along working with various teams and leadership
- Delivered existing & new strategic platform/solutions that created a tangible business value
- Good experience in Performance Tuning of large systems and Client facing applications.
- Extensive experience in starting & building up the teams
- Experience in Integration between different products and Applications
- Excellent Leadership, Technical, Communication, Analytical and Problem Solving skills and ability to get on well with people including cross cultural backgrounds.

Professional Experience:

Northwell Health, Melville, NY

May '17 – Present

Senior Software Engineer

Project: Clinical Snapshot, Context Sharing & UBL

Description:

Clinical Snapshot is an application which is integrated as part of TouchWorks which provides a 360 view of a patient currently in context of the TouchWorks. It displays all the health information in one place. Context Sharing is a product which updates all the integration products when a patient is changed in TouchWorks which is a parent source. UBL is a workflow product with guaranteed delivery. UBL is a middleware between different integrations (Syngo, POC, PaceArt...) and Unity.

Roles/Responsibilities:

- Serving as technical liaison between vendor team, stakeholders and product owners to achieve business objectives
- Design, build and implement enterprise-class products with security on Azure environments.
- Working with various architects to setup standards and document the security and process for Northwell Health to migrate to Azure environment.
- Create solutions that balance business requirements along with PHI, HIPPA and cyber security compliance
- Assist various teams and develop the unity API's to flow the data between different systems and TouchWorks
- Delivered UBL workflows which reduced the efforts of various integrations by saving the cost and time. This workflow product helped various integrations to roll to production quickly
- Added 1500+ unit test cases for various products and enforced unit test cases as part of the culture
- Automation of the testing API's using the postman scripts which are integrated as part of Azure DevOps pipelines.
- Able to achieve 75% of automation of testing to verify the integrity of the build for deployment
- Added CodeDX as part of the CD process to identify any security flaws before release to the QA environment.
- Solved and delivered the solution for context sharing between the TouchWorks and Various Integration which is a major issue when a patient was changed.
- Mentor the junior and other team members on Azure cloud and Azure devops by numerous KT sessions.
- Used Azure App Services, Function App, Storage Queues, Blob, Tables, Logical Apps, Application Gateway, Application Insights, VM, SQL Databases, APIM, SignalR and other services to deploy the applications.

Environment: .Net Core 3.1, J2EE, Spring Rest, Spring Micro services, Azure, Azure Devops, Git, CodeDX, Postman, Opkey, Artifactory, React.

CA Technologies, Islandia, NY

May '17 – Dec '18

Principal Software Engineer

Project: Public Sector Compliance & FedRAMP

Description:

Guide the CA products to get FedRAMP certified. Already GSS & PPM are certified as FedRAMP ready. CA General Support System (GSS) provides the foundational components that will support CA Technologies cloud services. It is leveraged by

multiple CA SaaS services for common controls. Work with SAAS team to guide them the architecture and deploy products in Government cloud services.

Roles/Responsibilities:

- Helping the internal teams / products to get FedRAMP certified
- Align standards, frameworks and security with overall business and technology strategy
- Design, build and implement enterprise-class security systems for a SaaS production environment in Azure & AWS Gov environments.
- Create solutions that balance business requirements with information and cyber security requirements
- Work with internal engineering teams to identify gaps and develop recommendations for addressing gaps to meet FedRAMP moderate baseline control requirements
- Integration of different CA products for GSS Auth framework
- Train users in implementation or conversion of systems
- Design & development of Ferro product based on Spring Boot, NodeJS & Angular
- Design & development of Ferro product using micro services strategy
- Define & implemented the auto scaling of AWS & Azure virtual machines based on certain criteria's.
- Setup of Netflix OSS (Zulu, Ribbon, Eureka, Circuit Breaker) using ansible
- Automation of product deployment using ansible & CICD.

Environment: Java, Spring Boot, NodeJS, Angular 5, Git, Tomcat, Jenkins, AWS Gov/Commercial, Azure Gov/Commercial, Splunk, Netflix OSS, Docker, Kubernetes, CA PAM, SiteMinder 12.8, CA AA

T-Mobile, Bellevue, WA

June '15 – Nov '16

Enterprise Architect

Project: TMO-ID

Description:

Converted business owner ideas into solutions and Providing Single product for AAP (Authentication, Authorization and Profile) for various projects across TMO (MyTMO, Streamline). Building the business logic & UI Layer leveraging the IAM. Porting, developing & maintaining of my.t-mobile.com. Integration of BIO metrics using Nok Nok, FCM, Gamelto and other technologies available in the market.

Roles/Responsibilities:

- Design & development of enterprise deployment strategies.
- Design & development of AAP based on NodeJS & Angular.
- Design & development of AAP towards micro services.
- Design & development of common platform frameworks on NodeJS. Ex: - logging, rest client, schedulers, exception handling, encryption frameworks.
- Define & implemented the auto scaling of AWS
- Derived the porting of Current Production CQ5 and Java project to NodeJS.
- Implementation of CICD process (Jira, Stash, bamboo, Jenkins, Artifactory, sonar, selenium, deployment, wiki, Vagrant, Puppet)
- Defined the process for branching and setup of Stash GIT projects.
- Provided the lead support for MyTMO site
- Worked with Customer Care Rep, Business owners, product owners to increase the CSAT for TMO.
- Used JIRA (IAM, Streamline) & Rally (TMO ID) for SCRUM Development
- Coordination with Off Shore Development team
- Closely worked with IAM, Cloud, eServices teams for Production Issues and enhance the site.
- Integrated Nok Nok Server, Gemalto and firebase with TMO App.
- Derived the integrated the site with App dynamics for monitoring and metrics collection
- Integration with Splunk & Elastic Search. Configured dashboards and alerts in Splunk & Kinbana

Environment: Java 1.7, Spring framework 4, Spring Batch, Adobe CQ5.5, Express, Angular, NodeJS, Git, Tomcat, Jenkins, AWS, Spring WS, Spring Batch, App Development, Log Stash, Splunk, Elastic Search, FileBeat

Description:

ESI for SAP LVM provides a plugin to SAP LVM to support the storage operations for LVM. Initial Phase of development was to integrate Celerra Storage System. Implemented the Celerra Access Library that handles all the communication between the LVM plug-in and Celerra storage system. The functionalities implemented as part of LVM Plugin are discover of file systems, create read & write checkpoints, delete & refresh operations on checkpoint and export the NFS.

ESI SDK API, ESI REST SDK provides the solution for performing the provisioning, backup and deletion of storage pools and volumes. SDK provides a layer over top of different storage systems (VMAX3, VNX & XtremIO).

Roles/Responsibilities:

- Converted partner ideas or inputs into requirements and made sure there are delivered and alliance with EMC Storage System
- Worked with PTM Group to deliver the products according to their needs
- Developed REST API's based on HATEOAS Principle
- Consumed different storage system using REST, CLI and SMI-S
- Followed SMI-S specifications during the development of the products
- Orchestration and development of workflows using the REST
- Developed common API's which communicates to different storage systems
- Developed CLI SDK using SSH to connecting with VNX storage system
- Integrated Celerra XML API's & Celerra CLI commands to implement API's
- Converted Java API to C# API (using tool and fixing bugs)
- Installed and configured the Hudson for building the products
- Developed the scripts in vagrant to setup the development environment faster
- Done setup of CICD (GIT, Jira, Stash, Jenkins, Artifactory, wiki, Vagrant)
- Automation of testing for the application to cover end to end scenarios
- Coordination with Off Shore Development team
- Coordinated with QA Team

Environment: Java 1.6, JSF (Primefaces 3.1), Eclipse, SVN, Tomcat, SSHEXecute, SAP LVM and NetWeaver 7.x, SUSE Linux 11 Enterprise SP1, Celerra XML API 2, Web Services (JAX-WS, REST), JBOSS 7.2, JPA (Hibernate), MySQL, Spring Framework

Description: Implemented Diabetes management software for KP-Colorado region. The DMS provides a solution to send the diabetics records to providers immediately and providers can reply back, monitor or suggest the precautions and remedies to the patient. The solution was also integrated with Fitbit, Jawbone and Nike Fuel band to track the activities of the patient or consumer. Patients were also provided facility to enter the food intake & exercise and also manual entry of calories consumed in a day. This is a sub project of healthy Kaiser Permanente. <https://healthy.kaiserpermanente.org>

Roles/Responsibilities:

- Gathered business requirements and wrote functional specifications and detailed design documents.
- Designed and implemented the REST API's for DMS
- Implemented REST API's using HATEOAS principal.
- Worked with other teams to integrate with DMS with KP main site.
- Developed the logical and physical data model, generated DDL scripts, and wrote DML scripts for Oracle database
- Used JIRA for SCRUM methodology
- Setup of the Jenkins for build of DMS
- Configuration of provider & member dashboards
- Integrated with diabetic's software written in C++ to DMS
- Implemented the application based on TTD approach

Environment: Java, Eclipse, Git, JBoss, Spring Rest, Spring Framework, Spring security, Oracle, Spring JDBC Template.

Architect**Description:**

This is a green field project where requirements are gathered based out of real customers Car Repair Shops and started Cue® Suite which is suite of multiple products CarCue, JobCue, ShopCue, MarkCue, and TechCue. Cue® Suite is designed to serve the needs of service manager / shop owner, service writer, parts manager, automotive service technician and customer of the aftermarket automotive repair industry. Development of various product web, mobile, tablet base

Roles/Responsibilities:

- Designed the logical and physical data model, generated DDL scripts, and wrote DML scripts for Oracle & MySQL database.
- Gathered business requirements and wrote functional specifications and detailed design documents.
- Set up the build process using Jenkins.
- Managed and mentored a group of application developers, assigned responsibilities, elaborated use cases, managed project schedules, and module targets.
- Reviewed code and encouraged developers to use key design patterns, such as façade, singleton, factory, command, proxy, strategy, decorator, etc.
- Provided recommendations on OO design concepts, best practices, exception handling, and identifying and fixing potential memory, performance, and transactional issues.
- Produced detailed design documents with design alternatives, pros and cons for each approach and reasons for the recommended approach
- Analyzed “What if” scenarios and exceptional conditions and made recommendations to fill the gaps identified in the functional specs and detailed design.
- Implemented CarCue Web Services using Spring Framework
- Implemented CarCue App using PhoneGap 3.0
- Worked along with CTO and designed Enterprise level Architecture for smooth transactions with AutoZone
- Proposed solutions for integration of different products using Enterprise service bus Layer.

Environment: Java 1.6, PhoneGap 3.0, Eclipse, SVN, JBoss, Spring Rest, Spring Framework, Spring security, MySQL, Oracle, Spring JDBC Template, Android.

Model N, NJ (Bristol-Myers Squibb, Novartis)**Jan '11 - March '12*****Solutions Analyst*****Project: Implementation of RMS****Description:**

Revenue Management Software is a product where pharmaceutical companies use for stream line their contracts, customers, pricing, rebates. Effectively managing pricing and contracting are critical business processes for biopharma manufacturers. However, there were significant operational challenges - business strategies evolve rapidly, contract volume is increasing and terms and conditions are complex, and maverick or inaccurate pricing can lead to lower margins and regulatory compliance exposure. It manages complicated biopharma supply chain; channel and trade contracts are a powerful tool for maintaining wholesaler and distributor relationships

Roles/Responsibilities:

- Understanding of the business requirements' and current technology challenges & issues.
- Analyzed the limitations and issues of existing bid Award follow and architected, designed, developed and implemented the new bid Award follow.
- Migrated the regular security framework to Spring Security framework.
- Performed change management and Impact analysis for introducing the authorization functionality around the existing system.
- Analyzed and Implemented the Performance of the Application.
- Developed Cognos Reports according to the Customer Needs
- Enhanced the current application to support IE 8.

Environment: Java 1.5, Eclipse 3.7, Oracle 10i, Tomcat/WebLogic/Web Sphere, Perforce, PVCS, Eclipse, Windows, SQL Navigator, XML, JavaScript, Share Point, Documentum, IBM Heap Analyzer, Cognos 8.3, Spring framework, Spring Security, JPA, Primefaces

Application Support Manager**Project: Plex Desktop****Description:**

Plex Desktop offers advanced reservations applications that support the flexibility required to compete in today's global leisure travel industry. Plex's Air Fare Contract Processing Engine enables to manage their negotiated fares and fully integrate them into the booking process. Plex allows you to create, price and distribute various packages, from escorted and niche tours to fully-flexible 'build your own' holidays.

Roles/Responsibilities:

- Integrated of external Hotel API's using SOAP, XML and Rest (Expedia, HBSI, Outrigger etc...)
- Integrated of external Airline API's (Air Line Sabre, Galileo).
- Developed travel packaging management software for travel agents
- Supported the application after roll out for various clients
- Integrated PHP based web sites with Java backend using PHP-Java Bridge
- Development of travel websites using Drupal Content Management System
- Integrated payment and care services such as PayPal, Hertz, Alamo Web Services
- Developed the unit test cases for Unit testing for the new functionality
- Implemented & tested JMS Queues, which supports printing of the customer itinerary
- Coordinated with Off-shore Time in order to make the Delivery is on track and requirements are clear to off shore team
- Requirement Gathering, Analysis, Design, Implementation, Test of the Reports using the iReports and deploying it on Jasper Server.

Environment: Java 1.5, J2EE 1.3, Eclipse 3.5, XML, log4j, Web Services (SOAP, REST), JDBC, Oracle 10i, SQL Server 05/08, Postgres, XML Spy 5, Apache Axis 2/ 1.4, JavaScript, AJAX, Junit, Hibernate, PHP Java Bridge, Drupal, Spring Security, Spring, JPA, Primefaces.

Computer Associates, Hyderabad**July '05 - Dec '07*****Java Developer*****Project: USM (Unicenter Service Management)****Description:**

The Unicenter® Service Management solution helps organizations to manage business of IT. IT offerings can be appropriately defined as services to be automatically delivered, measured, supported and priced based on individual or group usage, while streamlining costs. Based on integrated Unicenter® technologies with an open architecture, Unicenter Service Management offers a complete solution for managing IT services and assets.

Roles/Responsibilities:

- Developed UI using JSF, XSLT.
- Implemented Single Sign on for various CA projects
- Developed various SOAP Web Services using Axis.
- Helped out QA team with development of Web Service Client for testing the web services.
- Integrated different products to the existing application.
- Prepared unit test cases for Unit testing for the new functionality
- Implemented JMS Queues for communication between various products
- Migrated the product from previous version to current version for various clients.
- Involved in Unit Testing, User Acceptance Testing and Bug Fixing.
- Knowledge transformation & Sharing between Team Members
- Written DDS and Implementation Guide.

Environment: Java 1.4, XML, XSL, SQL Server, Oracle, Ingress, Apache Axis, JSP, UNIX Shell, Apache Tomcat, Eclipse, Edit Plus, Prime faces, Web Services.

Hyper Soft Technologies, Hyderabad**Feb '04 - May '05*****Java Developer*****Project: ECE WEB ERP****Description:**

ECE-ERP project is customization and installation of Web based ERP (Enterprise Resource Planning) solution that shall automate the requirements of Sales and Marketing, Production, Accounts, Purchase, Stores, Inventory, Dispatch & Excise, Service after Sales and Inspection Departments of ECE Industries. This is a very challenging project keeping in view the short duration of the project.

Roles/Responsibilities:

- Designed on Object Oriented principles and developed the product using Java/J2EE technologies on SDLC.
- Developed the HR Module or ERP System.
- Updated the existing core Spark frame Work.
- Implemented UI using XML.
- Developed Auto Approval Process for supply and parts modules using the JMS.
- Developed Stored Procedures, Triggers in Oracle using PL/SQL.
- Prepared Test cases and Participated in Peer and System Testing.

Environment: Java 1.4, Jsp, Servlets, JDBC, XML, Oracle.

Experience:

Master's Degree in Information Systems in 2003 from Sri Krishna Deva Raya University PG Center, Kurnool.