

- 14 years of experience in designing and developing Java Micro Services, Web applications and Hybrid mobile applications using Java, J2EE, Spring boot, Spring Cloud, Event driven and Web technologies (React, ExtJS, AngularJS).
- Designed and Developed and Test using Behavioral Driven Development (BDD), Domain Driven Development (DDD) and Test Driven Development (TDD) to obtain high coverage and lower both code complex and nesting depts.
- Designed and Developed a message broker that links to multiple microservices on PCF cloud to broadcast state changes such as config changes, start and stop jms listeners.
- Extensively worked on Spring and Spring Boot Frameworks, Spring Cloud, Config Server, Cloud bus, Zuul Gateway, Eureka Server, Client side load balancing, and Event driven architecture (Kafka, Solace and M Queue)
- Conducted regular technology assessments and evaluations to identify opportunities for process improvement and new technologies, resulting in the introduction of new tools and frameworks that enhanced development efficiency and productivity by 15%.
- Designed and developed a custom JQuery plugin for validating HTML/XHTML forms at client side and published it into TCS library.
- Developed a Hybrid Mobile application for Walgreens Point of Sale system by using JavaScript, JQuery, JQuery UI, Rho Elements, HTML5, and CSS for Motorola Voltron MC40, and Motorola ET1 tablet.
- Excellent knowledge on React JS, Redux, AngularJS, Ext JS, JavaScript, JQuery, Rho Elements, HTML, and CSS
- Developed a SVG/VML- based web application for Walgreens by using Sencha Ext JS 4.x, JavaScript, HTML, Struts, Spring MVC, iBatis, and JAX-RPC web services.
- Excellent knowledge of Web UI Development Standards and experience to educate team about the standards and its implementation.
- Extensively worked through the phases of Software Development Life Cycle (SDLC): analysis, design, development, testing, implementation, enhancement and Maintenance.
- Experience in Project management, leading, monitoring, and coordinating the teams in an Onsite-Offshore model.
- Good Knowledge in setting budgets and agreeing project time scales and deadlines with clients.
- Comprehensive experience as a Tech Architect/Tech Lead, including study and analysis of project requirements through customer interaction, preparation of Functional Specifications, Data modelling, and project design, and design Patterns.
- Strong interpersonal and communication skills with an ability to lead a team and keep them motivated
- Good working knowledge on Performance Metrics such as response times, throughput and server resources such as Total Processor Time, Available Bytes and Process Bytes by using IBM Tivoli Enterprise Portal.

Professional Experience

Northern Trust, Chicago, IL [Corporate Actions Delivery and Response 2.0]

July 2020 - Present

CDR (Corporate actions delivery and response) is an application which provides a secure and reliable means for clients and investment managers to receive information about corporate actions and send corporate action decisions back to Northern Trust. CDR2.0 is migration of CDR legacy into group of cloud based micro services.

Tech Lead/Architect

- Working with System/Solution architects and business team to understand functional and technical requirements and creates technical design solutions needed to build the application.
- Involving in design and determines the solution for any architecture Changes.
- Collaborating with System/Enterprise Architects and Cloud Foundry teams to help solve business problems from discovery to technical solution.
- Implementing new initiatives within the team to improve the productivity.
- Translating business requirements into systems qualities and hence into repeatable design strategies.
- Creating Software Function Document (SFD) and Design documents via Visio and creates S2T document for data mapping.
- Preparing standards, best practice documentations and checklists, that are used to verify code before committing to version control (GIT/Bitbucket) by the team.
- Identifying requirement gap issues in both functional and non-functional requirements and conducts feasibility study of the proposed changes.
- Involving in technical/application design meetings with solution architects.
- Creating and handling multiple environments (DEV, SIT, QA, UAT and PROD) for various releases and designs instance strategies
- Developing DevOps CI/CD pipeline that supports the application life cycle across the DevOps toolchain — from planning, coding, and building, testing, staging, release, configuration, scale, and monitoring.
- Designing and developing automated test suite/framework.
- Involving in development of major and minor enhancements.
- Overseeing the development of components and is responsible for the quality
- Responsible for adhering to coding standards using SonarQube for PMD check style and ensures to maintain the code quality to be above 90%
- Checking the code quality with Sonar, and CHECKMAX (Automatic Static Analyzer Tool) which is integrated with Bamboo in target system.
- Reviews testing results and performs testing for code efficiency & system integration which involves ensuring technical specifications meets business requirements, which includes creation of unit test cases for application
- Using MAVEN as build tool in IntelliJ and VS Code in DEV environment
- Using DevOps tool to deploy the application in target system and working closely with Cloud Administration team to configure DevOps process for new applications and for any build and deployment issues in target system for closure.
- Working closely with DBA team for performance testing of the application.
- Performing Non-Functional Requirements such as Performance/ Response time determination based on level and channel of interaction.
- Developed the integral business logic for the application
- Created Jersey RESTful Web Services for client server communications with React Axios
- Conducting code review sessions for each developer's code.

Technologies/Software:

Java/J2EE, Spring ,Spring Boot, Spring REST, Spring Cloud, Spring Integration, Netflix OSS, CICD pipelines, CyberArk, Liquibase, Micro Services ,Queues, API gateway, Solace Queues, Kafka, PL/SQL, Spring JPA, React, Redux, Saga, Axios, JavaScript, JSON, HTML, CSS, Static file IntelliJ, PCF, PL/SQL Developer, SQL Studio intro scope, Maven, Bitbucket, and HP LoadRunner

Northern Trust, Chicago, IL [GLOBAL ENTITLEMENT HUB]

August 2016 – June 2020

GEH is a collection of Java micro services that provides a centralized processing/integration layer for all Mandatory and Voluntary Corporate Action Events and Tax Withholdings of US and global markets across a number of other NT systems/services.

This project utilizes TCS BaNCS (vended application) as the core Entitlement engine and IMA Actions (other vended application) as the event scrubber.

Tech Lead

- Involving in all phases of SDLC (analysis, design, development, testing, implementation, enhancement and Maintenance) for new micro services and enhancements.
- Developing micro services using Java language and spring framework (Spring Boot, Spring Data, Spring Cloud Stream, Netflix OSS ,PCF) and related technologies
- Performing Proof of Concept (PoC) to assess the cloud migration feasibility of PCF cloud based micro-services.
- Designing, implementing, deploying and maintaining cloud based micro-services that are often high-volume and low-latency, required for mission-critical systems.
- Writing well-designed, efficient, and testable code
- Ensuring designs comply with specifications (Software design patterns)
- Creating Interface Design and flow specification documents.
- Actively engaging in a highly agile environment with a focus on iterative and test-driven methodologies.
- Conducting code review sessions for offshore developer's code.
- Creating and maintaining quality software using premier tools: Git, Checkmarx, and Sonar.
- Delivering tested and optimized high performance code for a PCF environment.
- Analysing performance metrics such as such as response times, throughput and server resources.
- Monitoring of the alerts & health of the system
- Participated in impact analysis for new requirements.
- Planning, creating and assigning tasks to team members during each release.
- Bitbucket branching and merging developer's code.

Technologies/Software:

Java/J2EE, Spring ,Spring Boot, Spring REST, Spring Cloud, MQueues, Solace Queues, Kafka, PL/SQL, Spring JPA, Thymeleaf, JQuery, JavaScript, JSON, HTML, STS, Tomcat , PCF, PL/SQL Developer, intro scope, Maven, Bitbucket, pipelines, Jmeter, and CSS

Walgreens, Deerfield, IL [FLOOR PLANNING EXPRESS]

August 2012 – July 2016

Floor Planning Express (FPE) is an online web browser-based application that enables stores and corporate users to access a store's floor plan electronically. FPE provides a visual representation of the store's fixtures and merchandise layout, which management can update to ensure placement compliance of planograms. FPE can be accessed via Store Net

Lead Full stack Developer

- Involved in Analysis, Design, Development, Testing & Implementation phases
- Developed the integral business logic for the application
- Designing and Developing compliance reports in AngularJS
- Developed UI screens using Ext JS 4.x and AngularJS, CSS and JQuery
- Created Jersey RESTful Web Services for client server communications with jQuery Ajax
- Extensively used Core Spring Framework for Dependency Injections of components
- Used Hibernate for object relational mapping and connection management with Oracle database
- Used java mail API to incorporate mailing functionality
- Used java 6 and ANT as build tool for developing the application
- Testing of the product: Unit Testing, Regression Testing, and Integration Testing
- Actively involved in performance optimization.
- Analysing performance metrics such as response times, throughput and server resources.
- Determining operational feasibility by evaluating analysis, problem definition, requirements, solution development, and proposed solutions.
- Documenting and demonstrating solutions by developing documentation, flowcharts, layouts, diagrams, charts, code comments and clear code.
- Actively participated in Business requirement gathering and understanding
- Participated in impact analysis for new requirements.
- Planning, creating and assigning tasks to team members during each release.
- CVS branching and merging developer's code.
- Conducting code review sessions for each developer's code.

Technologies/Software:

Java/J2EE, Spring MVC, PL/SQL, iBatis, bOunce, Angular JS, Ext JS 4.x, JQuery, JavaScript, JSON, HTML, RAD7, Web Sphere, PL/SQL Developer, IBM Tivoli Enterprise Portal, ANT, Jmeter, and CSS

Qualcomm, San Diego, CA [STINGRAY]

February 2011 – July 2012

Stingray is a driver compliance-aid a mobile hybrid application. The system replicates 3 aspects of the functionality from Qualcomm's existing MCPXXX series devices. Those functionalities are QHOS, DVIR and Workflow (QTM). QHOS and DVIR are bundled into one Android application and the QTM functionality is served by another Android application. These applications will provide a safe user experience during driving, update interaction models for modern touch-screen devices, and provide clear information on driver status, compliance, possible data discrepancies and state of the system

Senior Java Developer

- Understanding and analysing business requirements of the current system.
- Developing, document ng and revise system design procedures, test procedures and quality standards.

- Conducting knowledge sharing sessions with the team.
- Understanding the impact of changes to be made on the existing system/tool.
- Played a key role in design and development activities to ensure software requirements are met.
- Time estimation for each requirement.
- Played a key role in integrating GPS and Bluetooth components in DVIR
- Generation of test cases for software testing.
- Ensure appropriate backups are taken to protect data integrity.
- Assisted development team by determining application design flaws, thereby optimizing SDLC.
- Developing reusable components for the system.
- Checking the coding standards.
- Unit testing of the separate modules.
- Analysing the requirement with other team members and then preparing the high level and low level design

Technologies/Software:

Java, J2EE, Spring, iBatis, RESTful, JSON, Web Services, XML, PLSQL, Eclipse, SVN, Perforce, PLSQL Developer, Bluetooth2.0, and GPS sensor

Qualcomm, San Diego, CA [MYSOURCEJ]

June 2010 – February 2011

MysourceJ is HRMS application for maintaining information about Qualcomm employees. This project involves converting an existing MsourceJ ASP application into JAVA platform. The architecture of this project includes JSF, Spring, and Hibernate, iBatis, Quick rules and Oracle technology stack. Modules of the application have been taken up for conversion step by step along with major enhancements that are not part of existing ASP application.

Java Developer

- Prepared software development estimates
- Developed web pages using JSF framework for the Presentation tier
- Extensively used Eclipse while writing code & used Perforce for Version control
- Designed and developed user interfaces using JSF, HTML and CSS
- Implemented the Spring Model View Control (MVC) structure
- Handling entities (Tables for Employees, Department, Projects, Vendors) using Hibernate and iBatis
- Created bean and mapping files for all tables using Hibernate
- Developed client-side validations using JavaScript
- Writing Hibernate and iBatis configuration files
- Design Object Model and UI prototypes
- Detailed code design
- Created Jersey RESTful Web Services for client server communications with Ext JS Ajax
- Design review with the tech leads and client
- Develop code complying to Sun standards and implement best practices
- System testing, Integration and deployment into staging environment
- Concurrency and Regression testing for performance tuning
- Co-ordinate final inspection with TCS-EQA team
- Integrated the code with Perforce version control system
- Conducted knowledge sharing sessions with the team
- Defect fixing during UAT and Regression testing
- Tracking defects using Casual Analysis tool
- Attended status meetings with Client Manager

Technologies/Software:

Java/J2EE, JSF, PL/SQL, iBatis, Hibernate, JavaScript, Ext JS 3.x/4.x, JQuery, JavaScript, Eclipse, Tomcat, Perforce, Maven, PL/SQL Developer, HTML, and CSS

Firethorn, Atlanta, GA [SWAGG IGNITE MOBILE APPLICATION]

June 2009 – May 2010

SWAGG is a replace-your-wallet application for managing gift cards, reward cards and ignite gift cards. It allows iPhone users to buy, send and manage ignite gift cards, mapped to a particular merchants such as WalMart, JC Penny, Target and etc. It also allows users to enter their plastic gift cards details to iPhone and use them later in the appropriate stores - this allows users not having to carry their plastic gift cards in their wallets. Ignite also allows users to manage and use their reward cards. Ignite has interface to manage the users' payment accounts as well

Web Developer

- Impact Analysis and Design
- Attend project meetings and Status meetings with clients
- Estimation of the Project deliverables
- Lead team in understanding and delivering code on time.
- Participated in Business requirement Understanding
- Participated in impact analysis
- Development of requirements
- Conduct Knowledge sharing sessions with the team
- Assisted development team by determining application design flaws, thereby optimizing SDLC.
- Developing reusable components for the system.
- Checking the coding standards.
- Conducting knowledge sharing sessions.
- Co-ordinated final inspection with TCS-EQA team
- Integrated the code with Perforce version control system
- Defect fixing during UAT and Regression testing
- Tracking defects using Casual Analysis tool

Technologies/Software:

Java, J2EE, Spring, iBatis, HTML, JavaScript, JQuery, Eclipse, Tomcat, SVN, AJAX, JQ touch, JSON, DeviceAnyWhere, YUI Compressor, Y slow, and CSS

Education

Bachelor of Technology in Electronics and Communications August 2004 - April 2008 Sri Krishnadevaraya University, Kurnool

Key Skills

JAVA/J2EE:	Spring, Spring boot, Spring Batch, Spring REST, Spring MVC, Spring AOP, Spring IOC, Spring Cloud, Spring Data, Spring Integration, Zuul gateway, Config Server and Eureka Server and Spring Security, Android, iBatis, Hibernate, Netflix OSS, micro services, JSON, XML, Xquery, Xpath
Web Technologies:	React, Redux, Redux Saga, Redux toolkit, AG grid, Axios, Ext JS 3/4, Angular JS, JQuery, JQuery UI, JavaScript, Rho Elements, JQuery UI, HTML, and CSS
Servers:	PCF, Apache Tomcat, and IBM Web sphere
IDE:	IntelliJ, VS Code, STS, Eclipse, and RAD7
Performance Tool:	HP LoadRunner, IBM Tivoli Enterprise Portal (TEP), and JMeter
Version Controllers:	Git, Bitbucket, Perforce, CVS, and SVN
Test Frameworks	Junit 5/4, Spring Testing (unit and integration), Cucumber, Selenium, Test NG, Jest and Mockito, Power Mock, and Mock Server
Databases :	Oracle 19c, SQL Server, SQL Server Management Studio, Developer, and PL/SQL Developer, and Squirrel
Cloud	Pivotal Cloud, Azure

Accomplishments

Best team Northern Trust	May 2022
Start of the month Cognizant	May 2017
On the spot Tata Consultancy Services	May 2015
Client appreciation Qualcomm	May 2011
Start of the month Tata Consultancy Services	May 2011
On the spot Tata Consultancy Services	May 2011
On the spot Tata Consultancy Services	May 2010