

# ANKAMMA RAO KADIYAM

## Software Engineering Lead

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### Professional Summary

- 14+ years of extensive working experience in Architecture, Design, Development and support of Software applications using **JAVA, J2EE and SOA** and **UML Design Patterns** in **Financial, Investment, Insurance Domains** and its **Billing Systems**.
- Experience in developing **Micro Services** with **DevOps architecture** by utilizing **Docker**.
- Extensive experience with **Service Oriented Architecture (SOA)**, systems design, development, integration and executing n-Tier applications with **SOAP over JMS and Rest Services**.
- Experience in designing and developing applications with Proven **Design Patterns and Principles**.
- Experience includes working with all levels of the organization such as developer, leads as well as management.
- Excellent project life cycle experience (SDLC) in all aspects of requirements specifications, design, code, test, deploy, maintaining and also have implemented projects in **Waterfall, AGILE/SCRUM** and **SAFe Agile** methodologies.
- Has extensive experience in preparing HLD, LLD. Strong in the complete Software Development Life Cycle (SDLC) including requirements definition, design, programming / testing and implementation of major systems.
- Experience in User Experience (UX) design and development, User Interactive (UI) Web Pages and visually appealing User Interfaces using **HTML 5, CSS3, Bootstrap, SASS, JavaScript, JQuery, Redux and React-JS**.
- Expertise in development and deployment of multi-tiered web based enterprise applications using J2EE technologies like **Servlets 3.0/2.5, JSP 1.1/2.0, JDBC, JNDI, Java Beans** and **Web services (SOAP, Rest)**.
- Experience in configuring and deploying the web applications on WebLogic, **WebSphere** and **JBoss** Application Servers including hands on experience in using **Tomcat web Server**.
- Expertise in using Java IDE tools of Rational Application Developer (RAD), Web Sphere Application Developer (WSAD), Eclipse EE 3.0/3.2, RSA 7.0 and Netbeans to develop dynamic web applications..
- Hands-on experience working with source control tools such as **CVS, Clear Case, SVN, Git** and **Surround SCM**.
- Work Experience with testing tools and applications such as **JUnit, Mockito, FireBug, FirePoster, SoapUI** and performed Unit testing, integrated testing, and closely worked with QA team in preparation of Test plans.
- Good exposure in interacting with clients and solving application environment issues and can communicate effectively with people at different levels including stakeholders, internal teams and the senior management.
- Driven by new challenges and adept at adapting to any cultural and business environments.
- Experienced in **Onsite - Near shore - Offshore** model and **Pair Programming**.

## Skills Profile

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<b>Languages</b>	Java J2EE (Servlets, JPA, JAX-RPC/WS/RS, JAXB), SQL, PL/SQL
<b>DevOps</b>	Docker, Jenkins, Dyna Trace, GIT, Gradle, Ready API, Kubernetes, Grafana, Kibana, Prometheus
<b>SOA</b>	Micro Services, Web services (SOAP, REST), JMS
<b>Data Formats</b>	JSON, XML, XSD
<b>Frameworks</b>	Spring, Hibernate, JPA, Struts, Wicket, Selenium, Internet Portal Framework (IPF), Business Services Framework and Presentation Services Framework
<b>JavaScript &amp; Front End Frameworks</b>	HTML 4.01/5, JavaScript, ES6, AJAX, React, Redux, Node JS.
<b>Database</b>	DB2, Oracle, UDB, MySQL
<b>Testing Frameworks</b>	Junit, Mockito, Power Mockito, Mocha, Chai,
<b>Application Servers</b>	IBM-WebSphere, Apache Tomcat, JBoss
<b>Tools</b>	IBM-RSA, Eclipse, VSCode, Visio, Putty, SQL Squirrel, Webstorm, SQL Developer, Maven, Ant, IntelliJ
<b>Versioning</b>	GIT, SVN, IBM-Clear Case, Borland StarTeam
<b>Management</b>	IBM-Clear Quest, RTC, JIRA
<b>Project Methodologies</b>	AGILE/SCRUM, Waterfall, Lean (Iterative) Agile, Lab Agile, SAFe Agile

## Education

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Course	University / Institution	Year of Passing
Master of Computer Applications	Madras University, Chennai	2004

## Career Profile

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Dates	Organization	Designation
May 2007 - till date	Tata Consultancy Services	Associate Consultant
Feb 2005 - May 2007	TWWI	Software Engineer

## Professional Experience

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### Project Title: Property and Casualty Billing Transformation System

Period: From August 2015 to till date

Client: United Services Automobile Association (USAA)

Position: Tech Lead

### About the project:

Building an enterprise billing system that can be utilized across USAA (all Line of Business's whenever needed). Currently targeted to Property and Casualty Product billing. We are modernizing the billing system and taking advantage of integration opportunities between billing capabilities and enterprise Money movement payment capabilities to bring the billing system real time.

Executing this project will enhance the capabilities of CAS Payment System

- a. Enterprise Billing Capabilities
- b. Reduce Complexity to help business users
- c. Integration of Billing capabilities and enterprise money movement system.
- d. Define Billing Plan/Dates that includes recipient of the bill
- e. Post Overpayment, Underpayment information and determine due amount
- f. Mortgagee billing and payments

**Responsibilities and accomplishments:**

- Received appreciation from customer for creation of dashboard using Splunk
- Developed test data preparation tool as part of ideathon reduce 70% time in preparing test data.
- Came up with guidelines and approach for high available test environment to support quality assurance team
- Established environment support team as systems team while team migrating from scrum to SAFe execution
- Design of Rest APIs using RESTFull API guidelines.

**Project Title: Digital Parity – Money Movement**

Period: From Feb 2014 to July 2015

Client: United Services Automobile Association (USAA)

Position: Scrum Master

**About the project:**

Accelerate providing members more capabilities for Money Movement on mobile to better serve our members on mobile, improve member satisfaction and reduce impact to contact center by enabling more self-service capabilities. Provide members the following capabilities on iphone app, Android app, Ipad app and mobile web site. Setup, view and cancel automatic payment plan for internal bills

**Accomplishments:**

- Received accolated on achieving more than 75% of junit code coverage of all the components delivered.
- Provided guidance in implementing publish and subscribe mechanism using standard IBM facilities.
- Conducted trainings on Scrum training for the entire portfolio of 200+ associates
- Conducted knowledge sharing sessions on new age technologies and SAFe.

**Project Title: Knowledge Delivery**

Period: From April 2013 to Jan 2014

Client: United Services Automobile Association (USAA)

Position:       Lead and Scrum master

**About the project:**

Empower Member Service Representatives (MSRs) with contextual, relevant accurate and intuitively organized content at the right time enabling them to provide consistent experiences to members in each and every interaction. Reduce MSR handle time and improve member experience. Continue the of Knowledge Delivery system to all MSRs that are skilled to handle the following bank products: Deposits, Credit Cards, Home Equity and Mortgage Originations

**Accomplishments:**

- Learned XSLT to migrate html content and built the team to migrate html content.
- Received customer accolades on migrating content before planned date.
- Sprint demo is done from offshore to showcase offshore team capability.

**Project Title: Modular Eligibility and Personal information**

Period: From Sep 2012 to March 2013

Client: United Services Automobile Association (USAA)

Position:       Project Lead

**About the project:**

Create a reusable application to collect personal and eligibility information for acquisition. Make eligibility and personal information rules re-usable across channels. Widgets must meet each product application requirements for prospects and members. Establish process for relationship deepening for probable members Implement the widget for identified public and service side applications. Pre-fill personal information application with previously gathered data. Provide capability to personalize content and market to probable members. Incorporate registration into the reusable personal information widget.

**Accomplishments:**

- Lead the effort of creating prototype using wicket while help us gaining the UI effort.
- Conducted KT sessions for new joiners into the project.
- Involved in installing the application in development environment.

**Project Name : Prospect Registration**

Period: From Oct 2010 to Aug 2012

Client: United Services Automobile Association (USAA)

Position:       Module Lead

**About the project:**

Creating a rich and repeatable shopping experience by allowing Prospects to review and update Saved items, Quotes and Calculators and for easy transition from Prospects to Members. This project modifies the existing member eligibility application facilitating the conversion of Prospects to Member. This increases the business by increasing the number of members and improving the member experience

**Accomplishments:**

- Migration of Star team to RTC
- Selenium script for automatic build and deploy to web sphere application server
- Implemented first ever scrum team with anyone can play developer / tester.

**Project Title: BD – Establish Marketing Leads Repository**

Period: From March 2009 to Sep 2010

Client: United Services Automobile Association (USAA)

Position: Module Lead

**About the project:**

Implement salesforce.com software solution to meet customer marketing and Member Delivery & Partnership for collecting, refining and gathering non member sales leads. Integrated Salesforce.com and supporting software with customer marketing processes to provide the capability to: Communicate via multi-channel. i.e.phone, mail, email. Generate follow-up communications via time-released multi-wave contacts. Support multiple prospect lead type capture and scoring. Determine campaign type by scoring/ranking. Exclude leads from campaigns through exclusion rules. Import purchased lists of new prospects leads

**Accomplishments:**

- Integration of marketing leads with Salesforce using SOAP services.
- Co-ordination with the quality assurance team.

**Project Name : Annuity Agency Reporting**

Period: From Aug 2008 to Feb 2009

Client: United Services Automobile Association (USAA)

Position: Senior Developer

**About the project:**

This project helps the USAA Life insurance company to adopt the Agency modeling company from the direct response company. Also it adds the functionality to collect necessary information of the contract which contains the replacement contracts during the acquisition flow. Modify annuity acquisition processes on USAA.com/PORTAL and Green Screens for Agency requirements. Collect member's responses to replacement questions and populate responses on replacement form. Ability to capture agency replacement requirements for applications created or modified in green screens

**Accomplishments:**

- Implemented zero defects through shift left approach

**Project Title: ROAAP Dual facing**

Period: From Jan 2008 to July 2008

Client: United Services Automobile Association (USAA)

Position: Developer

**About the project:**

Annuity acquisition and fulfillment systems to be dual-facing for the member and MSA. Initiate the first phase of building one annuity acquisition toll with the ability to identify the MSA generating an application to support compliance in annuity acquisition. Update acquisition and

fulfilment systems and tools (ROAAP) to enable the saving and income annuity acquisition flow to be used by both the member and the MSA (dual-facing). Turn off save functionality in Shadow. Keep MSA partial save functionality for MSA ROAAP. Updating disclosures and education (IOP) for LIIS. FPS and SELECT annuities areas

**Accomplishments:**

- Implemented role bases authentication and content generation using web content manager.
- Lead the configuration team at offshore and streamlined the process by framing objectives of the team.

**Project Title : External Account Verification**

Period: From May 2007 to Dec 2007

Client: United Services Automobile Association (USAA)

Position: Developer

**About the project:**

Validate that the member owns the external financial institution account they are adding to the external account database, to protect USAA against deposit fraud losses. Modify the current Add External Account and Manage Accounts applications to incorporate the use of instant verification and trial-deposit verification services by CashEdge, Inc. Convert the Add External Account and Manage Accounts MSR Portal applications to dual-facing applications.

**Accomplishments:**

- Proposed and implemented externalization business rules using Ilog Jrules
- Established configuration management team to support web sphere application server for development team.

**Personal Details**

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<b>Sex</b>	Male
<b>Nationality</b>	Indian
<b>Marital Status</b>	Married