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Sai Krishna Rao Katterishetty

# Personal Details

Nationality: American

Country Of residence: USA

Date of birth: 17th APRIL 1983

# SUMMARY

# 15+ years of experience in Technical Leadership leading an Agile team in analysis, design, development, estimation, test suite development, and implementation of Server based workflow applications using Oracle, Java, Spring and Kafka and Cloud Technologies (AWS, Kubernetes, Redhat OpenShift). Experience includes working with all levels of the organization such as leads, management, as well as the business unit.

# EXPERIENCE

## USAA, San Antonio, TX, USA *— Lead Software Developer*

August 2021 - PRESENT

* Implemented Several services that enable data movement using microservices that deploy to cloud.
* Implemented data movement solutions that enable real time insight generation about customers using Kafka
* Enabled High availability through the application of SRE practices.
* Successfully led the effort to migrate regular microservices to reactive based stack.
* Leadership responsibilities includes creating scalable application designs from architecture diagrams, responsible for epic level estimation, leading feature grooming sessions with business.
* Responsible for maintaining and updating system documentation.

## USAA, San Antonio, TX, USA *— Senior Software Developer*

March 2018 – August 2021

* Provided oversight and participated in migration of 80+ applications from OpenShift 3 to OpenShift 4.
* Implemented the adoption of CyberArk based service account management from a legacy home-grown service account management system.
* Key developer for the Member Profile space of USAA.com, implemented several projects that led of the modernization of classic WebSphere/Wicket stack to React and Spring boot-based applications.
* Played a key role in several compliance related initiatives on MSR portal application.

## USAA, San Antonio, TX, USA *— Contractor*

December 2017 – March 2021

* Developed modern solution to enable REST API interface to legacy SOAP based application for managing customer addresses. This enabled the accelerated adoption of React based front end.

## Fidelity Investments, Smithfield, RI, USA *— Senior Software Engineer*

August 2012 – December 2017

* Lead Developer on customer facing responsive web application <https://institutional.fidelity.com>.
* Provided technical leadership to junior engineers, developing overall project architecture documentation. Design and maintenance of reusable web components and services that enabled critical functions such as
	+ User Registration
	+ Site Search
	+ Marketing Material Tools
	+ Portfolio Planning Tools.
* Developed continuous deployment pipeline, integrating Git, Jenkins and Docker and deployed to OpenStack based private cloud
* Involved in migrating our CRM module from that as Siebel based to Salesforce, played a key role in working with Salesforce developers to enable REST APIs and their consumption to service core business functions.
* Played a tech lead in development effort for the Advisor Mobile Marketing Enterprise iOS iPad App, for external wholesale representatives. Application provided several key business functions that include
	+ Call reporting
	+ Marketing materials
	+ Search functionality for all fund related information.

Applications is written in Objective C and leveraged Core Data, View Controllers, Storyboards, and REST calls to the institutonal.fidelity.com for data retrieval.

## Fidelity Investments, Smithfield, RI, USA *— Software Engineer*

August 2010 – August 2012

* FIIS CBS Applications: CBS Application is a prime SOA platform for delivering client facing applications such as Advisor.Fidelity.com, FIISView etc. that leverage Webservices
* FIIS MSG Application: one of the developers of this application that is a Message driven application for enabling real time logging from various consumers of CBS Applications while providing statistics/ call volumes of based on messages flowing between various applications.
* WS Tools: Developers various tools to generate XML binding descriptors to make writing of web service endpoints flexible and easier.

## Putnam Investments, Boston, MA, USA *— Technical Consultant*

August 2007 – August 2010

* Putnam 401K Web Application: Developer on a team that developed Putnam 401k participant site, a one stop place for the 401K Plan information of a Participant. Developed Web pages using JSF and Spring.
* Advisor Portal Rewrite: Developer on a team that developed Putnam Advisor Portal that was backed by data from DST Systems
* Corporate Systems Migration: Corporate Systems is suite of applications that enabled various HR functions at Putnam. The system was based on Legacy NetDynamics 5.0 framework and was migrated to a new JATO framework both provided by Vendor Sun Microsystems.

# TECHNOLOGY PROFICIENCIES

# **Languages**: Java, JavaScript and Python

* **Frameworks:** Spring, JAX-RPC, JAX-WS, JAX-RS, JPA
* **Frontend Frameworks:** jQuery, React
* **Databases:** Oracle, DB2
* **Cloud:** Docker, Kubernetes, OpenShift, AWS EKS
* **CI/CD**: Gitlab, Jenkins
* **Other Technologies:** Kafka, KSQL

# EDUCATION

# Birla institute of Technology*—* master’s in computer science- May 2007, Pilani Rajasthan, India

# Osmania University — bachelor’s in computer applications, 2003, Hyderabad, AP India

# Accomplishments

* Designed, Developed and Released iOS app into Apple Appstore called TableTennisGeek: <https://itunes.apple.com/lc/app/tabletennisgeek/id1070994578?mt=8>
* FFAS Excellence team 2012 winner for best mobile application team for faster time to market.
* Won 2015 Hackathon -VIDEO Calling capabilities for institutional.fidelity.com
* 2nd place 2014 Hackathon idea - Voice Assisted Search for FFAS Mobile Applications.
* Secured 3rd place in Fidelity Institutional wide developer coding contest.
* Completed with 91% Course on Algorithms-1 from Princeton University through coursera