###### Sai Harini Bandaru

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### **Profile:**

* 12+ years of experience in design, development and maintenance ofenterprise applications in JAVA/ J2EE technologies. Certified Java Developer.
* 2+ years of experience in ApacheSpark, Apache KafkaandScala.
* 2+ years of experience in Azure Cloud technologies.
* Experience in development of web applications using Spring, Spring JDBC
* Experience in database design using PL/SQL to write Stored Procedures, Functions, Triggers.
* Interacted with client for requirement analysis, technical design and code reviews
* Worked in both Agile and Waterfall methodologies.
* Experience in managing scrum sessions, sprint planning, sprint retrospective and sprint demos
* Have experience in leading a development team technically.

**Work Experience:**

* Working as a **Technical Specialist** in CitiusTech from March 21st 2016
* Worked as a **Senior Software Engineer** in CitiusTech (Mumbai) from March 18th 2013 to July 3rd 2015
* Worked as a **SystemsEngineer**in Tata Consultancy Services (Mumbai) from April 25th 2012 to March 15th 2013
* Worked as an **Associate Technology Level 2**in Sapient (Bangalore) from November 8th 2010 to February 10th 2012
* Worked as an **Associate System engineer** in IBM India Private Ltd (Bangalore) from May 27th2008 – Oct 30th2010

### **Education:**

* B.TECH in Computer Science and Engineering from Sir C R Reddy College of Engineering, Andhra University with 78.32%.

### **Skill Set:**

**Languages :** Java, Scala, PHP

**Frameworks :** Spring

**Big Data Technologies :** Apache Spark, Apache Kafka

**Application Servers :**Tomcat

**RDBMS :** DB2, Oracle, MySQL, MS SQL, Sybase.

**O/S :** Windows, RHEL, Cent OS

**Tools :** Eclipse, IntelliJ IDEA

**SCM Tools :** SVN, Git

### **Certifications:**

* Sun Certified Java Programmer **(SCJP)** 5.0
* ITIL V3 Foundation Certification

### **Awards and Recognitions:**

* Received appreciation from Athena client for early release of CMS 2020 Quality measures.
* Received recognition from Telus client for OACIS product development
* Received **Best Team**award in Tata Consultancy Services
* Received recognition for the **Core Value – People Growth** in Sapient
* Received **Bravo**and **Best of IBM** awards in IBM.

### **Project Experience:**

**Project Name :** Clinical Quality Report

**Client :** Virence Health (Formerly part of GE Health Care)

**Duration :** 18/07/2017 to till date

**Environment :** Java, Play framework, Spring Jdbc, MSSQL, Apache Karaf, Apache Spark, Azure

blobs,Scala, Hbase, Apache Kafka, Apache Phoenix, Jboss drools

**Description :** The application supports MIPS and CPC plus programs for providers. Clinical Data of patients is ingested into this application via a desktop application at hospitals. Patient data for a provider is analyzed and their score is calculated for Quality, PI and IA measures. QRDA I and QRDA III quality reports are generated which are later submitted to CMS.

**Roles and Responsibilities:**

* **Lead Developer:**
* Interacted with Product Owners to understand requirements.
* UpgradedCMS Quality measures every year using drools language.
* Implemented CMS Quality and Functional measures rules logic in Apache Spark on Apache Hbase data.
* Developed spark applications to generate reports required to the management team by pulling data from different databases in production.
* Created a spark utility to migrate filtered Measure Results, from azure table storage, which reduced the data storage from 300 TB to around 300 GB of data.
* Developed powershell scripts to auto shutdown cloud services and VMs in azure to save cost.
* Worked on enhancements in the current application.
* Planned sprints, gave demos and done code reviews.

**Project Name :** eHDS (e Health Data Solutions)

**Client :** Ability Networks

**Duration :** 21/05/2016 to 21/06/2017

**Environment :** PHP, Amazon S3, MySQL, Angular 5, Cucumber, Ruby

**Description :** Nursing homesupload MDS documents as well as claims of patients to be submitted to CMS.Before submission of the MDS documents / claims, they are analyzed real-time for any logical errors or warnings and the respective messages are displayed. Once the errors are resolved, they are submitted to CMS. Providers can login and check reports like Pain Watch, Weight Watch, Mds next due, Re-admissions etc.

**Roles and Responsibilities:**

* **Application Developer:**
* Fixed SQL injection issues.
* Implemented new features

**Project Name :** OACIS

**Client :** Telus

**Duration :** 18/05/2013 to 03/07/2015

**Environment :** Core Java, Servlets, Swing, Hibernate, Sybase, Tomcat

**Description :** A comprehensive and highly customizable EMR product with modules to handle capturing of clinical data, emergency department, ordering of services, admit-discharge-transfer and generation of reports.

**Roles and Responsibilities:**

* **Application Developer:**
* Involved in feature work, covering the entire SDLC
* Responsible for fixing bugs identified in previous versions of the product

### **Project Experience:**

**Project Name :** Group Learning Operations Business Environment

**Client :** British Petroleum

**Duration :** 25/05/2012 to 15/03/2013

**Environment :** Apache Tomcat Server, IBATIS, MySQL, Open CMS**.**

**Description :** This application is a tool used by the Global Learning Operations team, who are a part of Leadership Development & Talent of BP,to manage the global delivery of learning sessions for BP employees as well as BP contractors.

**Roles and Responsibilities:**

* **Application Developer:**
* Done requirement analysis, design and implementation of enhancements.
* Responsible for fixing bugs identified inproduction.
* Help team members in case of any issues and train new team members.
* Work distribution to team members.

**Project Name :** Vodafone Roaming Services

**Client :** Vodafone

**Duration :** 29/05/2011 to 10/02/2012

**Environment :** Oracle’s Fusion Middleware 11g (Oracle Identity Manager, Oracle Access Manager),

Web logic Server, Oracle’s ADF Framework, Oracle Database, Web Services.

**Description :** Vodafone Roaming Services (VRS) has a vision of having a Single Portal for Customers and internal employees (a.k.a. B2B Extranet) to access all Products, Services and Support. The Portal is expected to simplify the access to number of backend systems in use (Single Sign On) and to provide consistent User experience.

**Roles and Responsibilities:**

* **Application Developer:**
* Involved in the development of the project from the scratch
* Played a key role in fixing the priority bugs in UAT
* Prepared a low level design document

**Project Name :** Vodafone Enterprise Central

**Client :** Vodafone

**Duration :** 20/11/2010 to 28/05/2011

**Environment :** Weblogic Portal, Web logic Server, Oracle Database, LDAP,

Access Manager, Identity Manager, Stellent Content Management, Site Cataylist.

**Description :** Vodafone Enterprise Central enables corporate customers to seamlessly access the Vodafone Global Enterprise applications via a customer portal, with the goal of eliminating duplicate processes across the organization, providing customers with a coherent user experience and providing a stage for Vodafone to sell further products and services to their customers.

**Roles and Responsibilities:**

* **Application Developer:**
* Worked on a couple of enhancements to the existing web pages
* Fixed security bugs identified in production

**Project Name :** Enhanced Universal Account Management (EUAM)

**Client :** AT&T

**Duration :** 20/11/2009 to 28/10/2010

**Environment :** Solaris, Java, J2EE, Web logic Server, EAD4J framework, Oracle, Web Services

**Description :** Enhanced Universal Account Management System (EUAM) is an enterprise customeraccount subscription application. It has been defined to include all customer transactions that are non-network affecting (otherwise, it is defined as service management). By definition these are the functions, which do not require provisioning.

**Roles and Responsibilities:**

* **Application Developer:**
* Played a key role in all the phases starting from requirement understanding, analyzing the requirement, designing and implementing the requirement
* Participated in the review of HLD, System Plan and System Testing documents
* Fixed bugs identified in production

**Project Name :** Visa File Exchange Service (VFES)

**Client :** VISA

**Duration :** 11/08/2008 to 16/11/2009

**Environment :** RHEL, Java, J2EE, WebSphere Application Server, WebSphere MQ server,

IBM HTTP Server, XML and related Technologies, MS SQL Server, Tumbleweed

Secure Transport Server, Sterling’s Connect: Direct and Secure Plus,

Sterling Secure Proxy server, Sterling External Authentication Server

**Description :** The Visa File Exchange Service (VFES) is a secure and reliable Internet-based file transfer mechanism that benefits participants by providing a low cost and easy-to implement file transfer service that is designed to securely exchange files up to 2GB with Visa applications. VFES supports bi-directional (inbound and outbound) delivery of files. The inbound files are sent to VFES using any of the protocols FTPS, HTTPS, SFTP and C:D Secure+

**Roles and Responsibilities:**

* **VFES Technical Analyst:** Enable secure file transfer between client and VISA in production.
* **Developer:** Understood, analyzed, designed and implemented requirements.
* **Production Support:**Provided support and resolved if there are any infrastructure issues, system unavailability, customer connectivity issue, file transfer issue. Responded to customer e-mail queries. Provided pro-active support by identifying bugs in the system by periodic testing

**Project Name :** Risk Identification Service (RISOnline)

**Client :** VISA

**Duration :** 11/08/2008 to 16/11/2009

**Environment :** AIX, Java, WebSphere Application Server, Spring, Hibernate, IBM DB2

**Description :** RIS Online is an online fraud monitoring program for Visa U.S.A. which identifies unique merchant locations with excessive fraud levels. The system has a merchant compliance program that monitors fraud performance on a monthly basis at unique merchant locations.

**Roles and Responsibilities:**

* **Developer:** Fixed bugs identified in the application and worked on a couple of enhancements
* **Production Support:** Provided support during the migration of the servers of the project from one physical location to another