# Sandeep Nutalapati Mobile: +91-9966312017

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**Career Summary**

* 9.10 years of experience in Web Application and Enterprise product development and Leading using Java/J2EE Technologies.
* Expertin Java Technologies **Java, Java8, Spring Boot, Spring Batch, Spring Cloud Data Flow, Hibernate, Micro Services, Docker, Kubernetes, Azure Cloud, Web Services, SOAP, REST, XML, JMS, JDBC, JavaScript, Maven, Oracle, SQL**, **Jackson, Jersey.**
* Proficient in using and designing application using **GOF design patterns** and **Enterprise design patterns**
* Very good experience in handling and processing large datasets and designing scalable solutions. Designed and implemented a Batch job to process **25 Million** records.
* Expertise in handling application concurrent issues using **multi-threading** and DB concurrent issues using pessimistic and optimistic locks.
* Very Good knowledge on **Data structures and Problem solving**.
* Expertise in identifying application performance issues and resolving **memory leaks**.
* Experience in using **Circuit Breakers**.
* Experience in using **Spring Cloud Streams, Cloud Data Flow, Spring Integration**.
* Experience in using **Domain Driven Development** and **Cloud stream processing**
* Experience in using Application Performance Management Tools **New Relic** and **Dynatrace.**
* Experience in using log monitoring tools **Kibana** and creating log dashboards.
* Experienced in Agile Methodology, waterfall model and Software Development life cycle
* 3 years’ experience in team handling. Leading a team of 8 people in terms by providing technical design and resolving blockers.
* Experience on various **RDBMS** and (DB2, Oracle, MySQL, PostgreSQL)
* Hands on experience in creating and consuming **SOAP& REST** based Web Services and asynchronous **JMS** Services (**RabbitMQ, Kafka**)
* Proficient and expertise in developing test cases and performing test cases and Integration Testing of the system using **JUnit, Power Mockito, Spring4 Test Suite** and **SOAPUI**.
* Good experience in the application servers **Web logic** and embedded **Apache Tomcat**
* Very good knowledge on containerization tools **Docker** and **Kubernetes**
* Good knowledge in Distributed transactions and Distributed patterns like Saga, Distributed Transactions.

**TECHNICAL SKILLS**

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| Languages/Technologies: | Java, Java8, Spring Boot, Spring Batch, Spring Security, Spring Cloud, Azure PCF, Azure, Kubernetes, Docker, Hibernate, Micro Services, JMS, RabbitMQ, Kafka, Kibana, Dynatrace, New Relic, Web services (SOAP, REST), Apache chemistry (CMIS). |
| Cloud Technologies : | Pivotal Cloud Foundry, Azure |
| Web/App servers : | Tomcat (Embedded), WebLogic, TomEE |
| IDEs : | Eclipse, My Eclipse, STS |
| Databases : | Oracle, DB2, PostgreSQL, MySQL |
| Build Tools : | Maven, Ant |
| Version Control Tools : | GIT Hub, SVN |
| Operating System : | Windows, Linux (RHEL 7), CENT OS 7 |
| Bug tracking tool : | Jira |
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**PROFESSIONAL EXPERIENCE**

**Organization: Deloitte US India Pvt Ltd                                    Feb 2018 to Till Date**

**Position: Technical Lead**

**Project: HCSC DME**

**Team Size: 10**

**Description:** Durable Medical Equipment’s (DME) are medical devices purchased or rented by customers on medical needs and raises claims as part of their Insurance Policy.

We have modernized and automated the entire claim processing workflow with automated microservices architecture by reducing manual intervention. Which saved HCSC $20 Million annually and average claim processing time has brought down to 2 seconds from 20 minutes.

**Achievements**:

* Received 1 outstanding 3 applause and 4 Hi-Fi awards for my contributions in project success.
* Designed a scalable system to process huge data set, around 25 Million claims to process and migrate in a single go.
* Travelled to USA for 3 weeks on B1 visa on system Go Live

**Responsibilities**:

* Resolved memory leaks and Thread safety issues
* Resolved performance issues by Query tuning and reducing network calls.
* Designed the Spring Batch architecture with Master-Slave model where slaves could Horizontally.
* Implemented suitable design patterns like chain of responsibility, strategy, template and Factory for better code quality and better maintainability.
* Lead offshore on functional aspects by getting clarifications from client SMEs and technical part by designing and actively coding with the team.
* Done thorough code reviews for every User Story to make sure code quality is good irrespective of deadlines
* Each sprint Designing and finalizing architecture with Client and Offshore architects before sprint starts.
* Each sprint working on complex features and helping team technically on their issues.
* Leading the offshore story grooming and identifying the gaps and discussing with SMEs.
* Done POC on Spring Batch for Migrating 10 Million records to modern system.

**Organization: OpenText Tech Private Ltd                                    Feb 2015 to Jan 2018**

**Position: Java Developer & Lead**

**Product: Process Suite Platform**

**Description:** Process Suite Platform (Cordys) is one of OpenText’s product capable of bridging three different process management worlds: Content Management (ECM), Case and Process Management and SOA-based Integration. Most processes that span a business are at times structured (process) and at other times more ad hoc (case).

**Responsibilities:**

* Understand the business requirements, analyze technical challenges and feasibilities, and provide the best possible solutions
* Done POC and later implemented integrating OpenText CORE (Cloud based file management system) to core platform
* Done POC on Documentum integration (CMIS based File Management System) and later implemented Documentum integration to core platform.
* Owned MDM component which migrates and Syncs data between multiple nodes.
* Resolved memory leaks in document store by implementing streams, which enabled component works for all document sizes irrespective of heap size.
* Implemented Template and Abstract factory and strategy design patterns for better design.
* Ensured that best practices and standards are followed throughout the development.
* Implemented 100% regression scenario testing with Junit, which enables the system to have no regression issues.
* Development activities include setting up workspace, construction, integration and debugging the code
* Driving Integration and System testing efforts. Involved in writing test cases for User Acceptance Functional and Performance testing.
* Monitoring integration and regression tests using Jenkins daily.
* Responsible for release management and deployment processes. Design and develop scripts to automate these processes using ANT scripts.
* Done thorough code reviews to make sure the quality of the product is meeting the acceptance criteria.
* Designing xsds and wsdls as part of web service contract.
* Involved in Unit Testing and Performance Testing.
* Performed JVM tuning. Monitored JVM heap size, maxHeapSize, minHeapSize, parameters using visualVM.
* Linux and windows platform support

**Environment:** Java, Cordys , Groovy, XSD, WSDL, Apache CXF(REST,SOAP), Jenkins, Oracle 10g, Java Script, Knockout JS, MDM, ANT, Maven, Apache TomEE, Tomcat, Junit Mockito and SoapUI.

**Organization: Virtusa Consulting Pvt Ltd**

**Standard & Poor’s,                                         July 2012 to Jan 2015**

**Position: Java Developer**

**Project: Criteria Scoring Tool**

**Description:** Standard & poor’s, as a credit-rating agency (CRA), the company issues credit ratings for the debt of public and private corporations, Criteria scoring tool which automates these credit ratings. The purpose of this project develops an application through which an end user can check the ratings and modify it.

**Responsibilities:**

* Involved in all phases of Software Development Life Cycle **(SDLC)** includingAnalysis, Design, Development, Testing, Implementation and Support**.**
* Implemented soap based webservices using Spring and Apache Cxf framework.
* For parallel web service calls implemented multithreading using Executor service.
* Developed an orchestrator service which collates data from other services and provides response.
* Performed unit testing and Integration Testing, involved in writing the test cases& testing the applications using Junit4.
* Developed and designed the Web applications using Spring, Wsdl, Xml, JMS, SOAP.
* Hands on experience in producing and consuming SOAP based Apache CXF Web Services and asynchronous JMS services.
* Responsible for writing stored procedures in Oracle.
* Handover system documents. Responsible for Deployment.
* Responsible for creating test suites f or Web Services using Groovy Script in SoapUI tool.
* Involved in Unit Testing and Performance Testing.

**Environment:** Java, J2EE, Spring 3.0.5, Web Services (Apache CXF), JMS, XML, WSDL, SOAP, Oracle 10g, Maven, WebLogic 10.3.5, JUnit4 and SoapUI.

**British Telecom                Mar 2011 – June 2012**

**Position: Java Developer**

**Project: BT Collaboration CCP29.**

**Description:**

Dante is the first step for BTs SSO implementation plan, which allows customers to merge their all profiles with BT, there after they can log-in into any profile at single login.

**Responsibilities:**

* Involved in all the life cycle phases of the project.
* Involved in coding and developing the web applications.
* Functional and integration testing of application
* Scheduling tasks as per priority and severity
* Followed TDD approach which leads to minimum E2E Qc’s
* Delivered code with no E2E defects.
* Done review on ERA fixes and JUnit coverage.
* Worked with Axis2 Web Services for consuming information from the downstream services.
* Developed the User Interface using Jsp, HTML and JavaScript.
* Followed the Agile Scrum methodology (Sprints) for product development.

**Environment:** Java, J2EE, FTL, Spring, Struts, Xml, JSP, JSTL, JDBC ,HTML ,JAXB, CSS, PL/SQL, Web services, Oracle, Ajax, JSON, JS, jQuery, Hibernate.

**EDUCATION**

* Master of Computer Applications (MCA) from JNT University, Kakinada in 2010 with 77%, India.
* BSc from Sri Pragati Degree College, Kakinada in 2007 with 75%.
* Intermediate from Pragati Junior College, Kakinada in 2002 with 78%.

**PERSONAL DETAILS**:

Date of birth: 15 th March 1987

Location: Bengaluru

Marital Status: Married

Languages Known: English, Hindi and Telugu