SEETHA RAMA RAJU BALASADI   PH: 650-963-6174

balasadi023@gmail.com

Professional Experience

- Innovation is my key strength implementing best techniques to achieve boosting productivity and improving each process. A Highly accomplished and self-driven professional in IT for over 17 years products and solutions exceptional analytical Solid track record of identifying building competitive products and ensure complex business requirements into viable products recognition for innovative solutions for many major large-enterprise corporate companies and excellence in implementing new data-driven products and services that align with growing business demands. Specializes in Next-Gen Big Data ,Informatica MDM, Big Data Analytics with Spark, DataFrames and Datasets, Machine Learning, Automate manual back-end processing through scripting and automation engine, Middleware, Security, Pro Python and Java background.

Technical Skills

• Hadoop Stack	• Python/PySpark	• Apache Nifi	• Data Visualization
• ElasticSearch \Solr	• Cloud Computing	• ML Models	• Data Transformation
•Unix Scripting	• NoSQL/SQL Server	• Informatica MDM	• Data Warehouse/ETL
•Spark\Scala	• AI/ML Infrastructure	• Apache Airflow	• Kerberos Security /Sentry
• Data Warehouse/ET	• EDA	• Data Aggregation\ Governance	
• Data Lake	• Agile Development	• Web Development • Kafka	
• Kibana\ Logstash	• DevOps		

Industry: HealthCare, Banking, Insurance, Security, Automobile and Retail.

PROFESSIONAL EXPERIENCE

Company	DXC Technology (Formerly HPE)
Duration	Jan 2010 to till date
Role	Sr Data Engineer / Architect

- Providing next generation Big Data Design, Install and configure end-to-end Hadoop implementation at large enterprise environment integrating with multiple legacy applications in heterogeneous technologies.
- Developing batch and real-time data load jobs from a broad variety of data sources into Hadoop. And designing ETL jobs to read data from Hadoop and pass to variety of consumers / destinations.
- Designing and implementing Data movement techniques Batch and real-time streaming concepts.
- Developing reliable, scalable, reuse and manage pipelines and data integration using CI\CD best practices.
- Actively participation in scrum calls, providing updates, estimates, and own the development piece.
- Creating Data Source APIs using Spark SQL to structured queries to access data in custom formats.
- Creating Scala program and expertise in Spark Streaming and Spark program Pipelining.
- Analyzing long running queries and jobs, performance tune them by using query optimization techniques and Spark code optimization.
- Managing and maintaining full life cycle of data ingestion, aggregation, storage, access and security for IoT and advanced analytics solutions
- Implementation cloud computing techniques tools such as S3, EC2, EMR.
- Worked on distributed data query computing engine like Hive, Spark for Data Access within Hadoop cluster and accommodate variety of data models.
- Site Reliability Engineering responsibilities for Kafka platform that scales 2 GB/Sec and 20 Million messages/sec.
- Designed and implemented by configuring Topics in new Kafka cluster in all environments and successfully secured the Kafka cluster.
- Designed system to collect data from multiple portal using Kafka and then process it using spark and real-time data pipelines between clusters
- Log aggregations, website Activity tracking and commit log for distributed system using Apache Kafka
- Excellent using and reusing JSON like documents with schemas and integrate extremely with Python.
- Performing workload profiling, data profiling, capacity planning, and analyze to recommend and implementing solutions.
- Managing data application platform instrumentation, measurement, log data processing, and monitoring.
- Worked on PCI standards.
- Work together with development teams to improve the overall development productivity.
- Work closely with the software engineering and product management teams to design, deliver and manage our services with high uptime
- Create frame works and automation in the development process to maximize build efficiency and secure solid code
- Manage infrastructure and strategic vendor relationships including development firms
- Developing templates or scripts to automate everyday developer or operations functions

- Using Docker, Kubernetes and Docker Compose to create cluster of Micro services made in Go.
- Development of Micro services in Go using RESTful and RPC API.
- Implementation of automation process that are supportable, monitored, enterprise-scale and working with integration services from popular ML packages.
- Experienced in Building the regression performance model and Dynamic time warping.
- Inspecting and preparing the data sneak-peak at the data. Virtualize, model, forecast and extending the model.
- Implementing data mapping, data flow, data pipelines and supporting all projects environment.
- Creating real-time data pipelines through EDA with Kafka.
- Strong development capability to handle data pipeline, automation and lineage.
- Building a pipeline for fetching and pre-processing data image.
- Implementation of ML algorithms for Spark Streaming applications.
- Scheduled automatic web crawls to gather data from various sources, perform preprocessing to extract relevant features and store in the database.
- High programming languages on Scala, Python, R and Java.
- Excellent Knowledge on RDD Transformations, Dataset and DataFrame Transformations.
- Highly knowledgeable working with Pandas to create DataFrame convert to Spark DataFrame and vice versa.
- Creating DataFrames from structured data files, RDDs and external databases.
- Recognizing unorganized code Readability, Structural weaknesses, Redundancy, design Weakness Remove unnecessary lines Placing Constants and import statements together and choosing meaningful Variable Names.
- Excellent hands on Advance Module Techniques on Optional imports, Local imports, Tweaking imports using sys.path also dealing with global Variables, Package Configuration and Package data
- Monetized high traffic web app with an integrated location-based ad targeting system
- Improving scalability and evaluability through thoughtful systems architecture
- Adopt with time series data, geospatial data, Internet of Things (IoT) and REST/hypermedia APIs.
- Designed and documented REST/HTTP APIs, including JSON data formats and API versioning strategy.

Over 3 years' Experience in Informatica and MDM

- Implementation of Informatica MDM to design, develop, test, review & optimize Informatica MDM.
- Expertise in creating Mappings, Trust and Validation rules, Match Path, Match Column and Match rules.
- Excellent hands on in implementing and governing Informatica MDM Hub, IDD, Informatica data quality and data profiling.
- Implementing metadata tools like Informatica EDC, Informatica AXON, IDQ Power Center Metadata Manager.
- Merge properties and Batch Group creation.
- Experience in creation and maintenance of entity objects, hierarchies, entity types, relationship objects.
- Relationship types using Hierarchy tool to enable Hierarchy Manager (HM) in MDM HUB implementation.
- Designed, Installed, Configured core Informatica/Siperian MDM Hub components such as Informatica MDM Hub Console, Hub Store, Hub Server, Cleanse Match Server, Cleanse Adapter, Data Modeling.

- Hands on with API's to interact with real time applications.
- Solid expertise in Data Extraction, Data Migration, Data Transformation and Data Loading using ETL process in Informatica Power Center.
- Mappings using Informatica Designer and processing tasks using Workflow Manager to move data from multiple sources into targets.
- Worked on Data Profiling using IDE-Informatica Data Explorer and IDQ-Informatica Data Quality to examine different patterns of source data. Proficient in developing Informatica IDQ transformations like Parser, Classifier, Standardizer and Decision.
- Integration of Solr , Elastic Search with MDM.
- Implementation of Kibana to visualize data, collecting and transform data using logstash.
- Hands on troubleshooting skills on Informatica MDM HUB, activeVOS, Siperian, provisioning, e360 informatica tools, bdd configuration, LDAP customization, activeVOS central, bpel services etc.

Company	Electronic Data Systems (HP Company)
Duration	Sep'2005 to Jan 2010
Role	Principal Infrastructure Engineer

Responsibilities

- Develop Java based services using Java, J2EE, EJB, Java Beans and MVC framework.
- Requirement understanding of tasks with help of Business Analyst. Creation of Class and UML diagrams for all modules. Responsible for design, development and implementation of modules.
- Implemented the critical functionalities using Java and Oracle packages & stored procedures. Developed UNIX based scripts to apply database scripts, QA and production servers. Performance tuning of SQL.
- Involved in the database design for release and development. Participate on daily standup calls to update the accomplished and commitment tasks. Design and Developed common frameworks to execute SQL queries.
- Analyzing and solving performance, transactional, Multithreading and Java memory issues. Leading a development team delegating Tasks, Designing modules, reviewing other developer's code. Also making sure any functionality is not impacting any existing business.
- Extensively involved in building the SOA J2EE Vendor Application like DocScience, Pega , and WSRR on dedicated WebSphere server environments in DEV, TEST, QA, & Prod on Solaris environments.
- Responsible for Documentation of operational environments support procedures, Configuration and management of Application clusters and Application load balancing and Application Server tuning and problem isolation.
- Responsible for Documentation of operational environments support procedures, Configuration and management of Application clusters and Application load balancing and Application Server tuning and problem isolation.
- Strictly followed standard procedures and policies like Application Request forms, Audit Request Forms, Version Control, Change Management Control, Organizing or involving in bridge calls for remote teams, Weekly Implementation plans, Code promotion rules etc
- Provided architectural and design assistance to the WebSphere projects in Service integration Bus configuration.

Security Administrator

- Involved in installing, configuring, administering and supporting of **SiteMinder**, WebAgents, LDAP Iplanet5.1, and DDA on Windows 2000 Advanced Server and Sun Solaris Environments.
- Responsible for SiteMinder Application Support, which includes **Web Agent** Support like how the agents are plugged into the web server, **Policy Server** like how the policy server will talk to **LDAP** user store schemas that the policy server uses for authentication, authorization etc, LDAP user store like configuring the user store, modifying the user profiles etc.
- Responsible for setting up and monitoring the Site Scope alerts in Site Minder Environment severs in Dev, QA, and Production.
- Responsible for managing patch levels, building out environments, configurations, assisting developers with SiteMinder integration and other services such as DDA configuration, change management, etc.

- Responsible for providing security for new enterprise applications like creating policy, rules, realms, user provisioning, single sign-on, web access control etc., and security requirements for coordinating/keeping technical environments in sync.

Level-III Technical Support Coordinator

- Responsible for eBusiness support mail folder where we get all the help desk tickets and day to day operational support for other teams like Development, Unix team, Network, Data Base teams.
- Responsible for identify source and severity of problems include debugging and diagnosing issues and directing them to the proper client support teams and transfer resolution knowledge to other technicians who are having assigned ticket.
- Responsible to answer eBusiness Support phone calls from global locations for production related issues on multiple environments.
- Established and maintained effective working relationships with managers, peers, and staff, along with other teams, internal customers, external customers and vendors.
- Dealt with constant pressure and respond to frequent demands of multiple customers.
- Provided 24/7 on call support on a rotational basis.
- Prepared system requirement specifications, functional and design document specifications.
- Very good developing experience in J2EE Technologies like JAVA, JDBC, Servlets, JSP, Java Beans, EJB, RMI, JMS, Java Script, HTML, DHTML, and XML.
- Expertise in Object Oriented Programming, Client/Server Applications, Relational Databases and e-Business Applications.

Environment:
J2EE, IBM
HttpServer, WebSphere Portal Server, xPression, Pega, WSRR,WebSphere MQ, Tivoli Access Manager, Tivoli Directory Server, Web Seal, Java , JSP, EJB, JDBC, XML, Windows, Solaris, Wily, RD, WSAD, DB2UDB.
Oracle, Remedy User, Load Director, ClearCase, Shell Scripts, jython and Jacl

EDUCATION QUALIFICATION
First Class Bachelor in Engineering Andhra University

Professional Certifications

    IBM Certified SOA Solution Designer.
    Oracle Certified SOA Specialist
    Certified in Oracle WebCenter Content
    IBM Certified Deployment Professional Security AccessManager for Enterprise Single
    Sign-On
    Certified in Kepner-Tregoe Resolve.
    Certified in Project Management. (PM Workshop)
    Trained and Certified in ITIL
    Trained and Certified in Advance Banking and Financial Markets

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