

Raju R

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Profile

Software developer with over **12+ years** of demonstrated achievement in crafting and deploying scalable, high-performance software solutions. Possessing adept problem-solving abilities and adept at clear communication, consistently delivering top-notch work within specified timelines. Proficient in analyzing end-user requirements and adeptly translating intricate technical concepts for non-technical stakeholders. Acknowledged for promoting teamwork and leading unified teams, leveraging agile project management methodologies.

Certified in Oracle Java Programming, Spark, and Hadoop Development.

Specialized in **JAVA, Scala, Python, Spring Boot, Microservice, Hadoop, Apache Spark, Hive, Big data, Kafka Streaming, SQL, Docker, Kubernetes, Apache Airflow, AWS cloud service, Google cloud services, CI/CD and ETL data pipeline development.**

Work Experience

Senior software engineer Credit agricole corporate and investment bank

06/2023 - present SINGAPORE, SINGAPORE

Project : Basel 4 Banking Compliance

Basel 4 is poised to revolutionize not just banking institutions, but also corporations in terms of financing accessibility. This regulatory framework, an evolution of Basel III, will extensively revise worldwide bank capital requirements, thereby reshaping the landscape of corporate lending. Regulations are essential to guarantee that banks maintain sufficient capital reserves to withstand potential losses during periods of financial turbulence.

Roles and Responsibility :

- Collaborated with cross-functional teams to design and implement technical solutions that improved overall system performance.
- Analyzing extensive data sets of retail and corporate transaction data sourced from Teradata, and processing them through Apache Spark using a calculation engine to assess credit risk and ensure compliance standards are met.
- Shared aggregated compliance data with a banking firm.
- Optimize and performance tuning of Spark jobs.
- Workflow orchestration using Airflow.
- Managed ETL of multiple reports and implemented Data Quality checks.
- Conducted unit testing, documented processes, and ensured adherence to coding standards.
- Conducted peer code reviews delegated tasks to team members, providing technical support.

Technical Skill Sets :

- Java, Spring Boot, Kafka, Microservices architecture, Apache spark, Airflow, Kubernetes, Docker, SQL

Lead Software Engineer Walmart Labs

12/2018 - 06/2023 BENGALURU, INDIA

Project : Banking data Analysis and Reporting (Capital One bank)

Increase spend, reduce attrition, anticipate spending needs, expand member value, generate interchange income, grow credit card portfolio revenue. Realize these benefits through proactively increasing credit limits.

Our Credit Line Increase Program provides the tools and resources necessary to

Work Experience

streamline the decision process, design the right strategies and increase credit limits effectively.

Roles and Responsibility :

- Led Banking Data Analysis and Reporting project for Credit Line Increase program
- Implemented complete CI/CD pipeline by integrating Jenkins and Git
- Processed large sets of data from various Kafka sources, GCP bucket, and third party Experian data to generate hourly and daily reports
- Designed customized data pipelines with different connectors (Kafka, Big Query, SQL) and transformation logic for each use case
- Managed ETL of multiple reports and implemented Data Quality checks
- Ran modeling on reporting tables and collaborated with data science team to expose reports
- Integrated reports into UI application using RESTful web services
- Interfaced with clients and business team to understand project requirements
- Utilized Apache Spark SQL module with Java/Scala in Micro service architecture
- Conducted unit testing, documented processes, and ensured adherence to coding standards.
- Conducted peer code reviews delegated tasks to team members, providing technical support.
- Operated in an Agile/Scrum environment.

Technical Skill Sets :

Java, Python, Spring Boot, Rest web service, Micro service, Scala, Apache Spark, Hadoop, Hive, ETL, Kafka streaming, Postgres, Presto, GCP, Data pipeline, Kubernetes, AWS Cloud.

Technical Lead

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04/2015 - 12/2018 BENGALURU, INDIA

Project : Customer Journey Analysis

Customer journey analysis is the process of tracking and analyzing the way customers use combinations of channels to interact with an organization. It covers all channels present and future which interface directly with customers. Customer journey analysis informs your entire enterprise with insights into customer behavior. It enables you to identify pain points and diagnose issues in real time. These insights can help you determine the best way to solve these issues and to prioritize improvements.

Roles and Responsibility :

- Led technology initiatives in Big data, Spark, Scala, and Java application development
- Transformed custom requirements into standardized product features
- Facilitated requirement grooming sessions and developed scalable systems
- Conducted unit testing, documented processes, and ensured adherence to coding standards
- Spearheaded the Insights project, introducing cutting-edge technology for omnichannel reporting
- Enhanced client experience by providing enterprise-grade analytics for optimizing customer engagement
- Implemented data monitoring and alerting capabilities for key engagement, revenue, and operational data
- Delivered actionable insights for maximizing business value and improving customer experience
- Ensured high quality and reliable data availability for business operations
- Empowered users with self-service capabilities and extensible functionalities at a low cost of development.

Technical Skill Sets :

Work Experience

- Java, Scala, Apache Spark, Hadoop, Spring Boot, Kafka, ETL, HBase, Microservice, Ozzie orchestration.

Senior Software Engineering Tangoe India Softek Services Pvt Ltd

10/2013 - 04/2015 BENGALURU, INDIA

Project : MATRIX (Telecom Expense Management)

Telecom Expense Management provides an end-to-end solution including order management, inventory management, invoice management, cost recovery management, vendor management and ongoing process operations to help you simplify and cost effectively manage domestic and global telecommunications expenditures.

Roles and Responsibility :

- Analyzed project requirements and designed the database accordingly.
- Developed website and application layouts, as well as functional designs.
- Implemented Java, Hibernate, Spring, Ant, and Jetty for the respective application components.
- Integrated cross-browser compatible applications.
- Conducted JUnit testing for the developed modules.

Technical Skill Sets :

- Java, JSP, Spring, Hibernate, Oracle, Maven, Soap web services, JUnit.

Software Engineer Adjetter Media Network Pvt Ltd

03/2011 - 12/2012 BENGALURU, INDIA

Project : Offline Media Platform

1. Development of Advertiser Module :

The objective of the module is to provide the Advertiser complete assistance in media planning and searching. A registered Advertiser can browse all the offline advertising options. He can book an individual ad-space directly or can add multiple ad-spaces to his media-plan. Advertiser can specify the particulars of a product for which he wants to run ad-campaign and based on the product detail the system can suggest him skeletal media-plans which are customizable.

2. Social Media Management :

Managing Facebook and Twitter Accounts in one place.

Managing any number of Facebook pages post and Twitter tweets in a one place. That include reading, replying and commenting of messages and created many types of Facebook application.

3. E-commerce web application development

Roles and Responsibility :

- Analyzed project requirements to design the corresponding database structure.
- Created layouts and functional designs for websites and applications.
- Utilized Java, Hibernate, Spring, Ant, and Jetty to implement various application components.
- Ensured compatibility across different browsers by integrating cross-browser solutions.
- Implemented Servlet, JSP, HTML, CSS, and JavaScript for the respective application components.
- Performed JUnit testing to validate the functionality of developed modules.

Technical Skill Sets :

Core Java, HTML, CSS, JSP, Servlet, JDBC, MySQL, JavaScript(jQuery), Spring, Hibernate

Education

Electronics and communication engineering | BE KVG College of Engineering

01/2007 - 12/2010 BENGALURU, INDIA

Certificates

Oracle Certified Java Programmer Oracle

09/2012

Spark and Hadoop Developer CCA175 Cloudera

10/2017

<http://certification.cloudera.com/verify>

Strengths

Leadership, problem-solving, communication

Technical expertise, project management, innovation

Strategic thinking, attention to detail, multitasking

Continuous learning, customer-focused, mentoring