

CHANDRA SHEKAR REDDY GADIPALLY

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SUMMARY

Bachelors in Electronics and Computer Engineering. Masters in Computer Science. Apache Spark developer, data engineer for 3 years and full stack enterprise applications developer for 9 years.

Lightbend Inc. certified [Scala Professional](#), [Akka with Scala professional](#) and Reactive Architect.

SKILLS

Programming languages

Scala
Haskell
Java
Elm
JavaScript
C
SQL
Typescript
R (intermediate)
Python (intermediate)
Shell Script

Cloud, OS

Google, AWS
Linux, Windows
Docker

Big Data and Database

Apache Spark
Hadoop
Hive
Kafka
Oracle RDBMS
DB2
MySQL
MongoDB

Version control, build tools, IDE

Git, CVS
Maven, Sbt, Gradle, NPM
Jenkins.
Vim, Eclipse, VSCode

Web, Frameworks

JavaEE
Spring framework
Struts2
Play framework
Node, Express
REST, Micro services
HTML5, CSS
Bootstrap 4
XML, XSLT, JSON
Jquery
JPA
MyBatis
Apache Tomcat
Weblogic

WORK EXPERIENCE

Employer: Imbuesys Inc.

Contractor – Sr Software engineer

Edward Jones Investments, St. Louis Mar 2012 – Aug 2019.

Architect-ed, designed and developed Spark-Scala batch jobs to identify and describe Financial advisors' trends in account transfers and conversions, new accounts, commission based accounts' discount reduction or elimination, contributions, distributions, annual review events, portfolio objectives etc. Calculated Z-Scores of the aggregated data and compared against in house rules system to generate review items for financial supervision department's primary and advisory teams.

Required Minimum Distribution: Developed web application for Home office users and branches to perform Required minimum distribution calculation and generate reports.

Fee disclosure 1 & 3: Developed web application to help HQ users support notification to clients of qualified plans comply to DOL's regulation.

Dividend Reinvestment Program-Canada: Developed web application for Financial Advisors in Canada to start and stop stock dividend reinvestment of securities.

Financial Advisor performance: Developed rich client user interface to measure, calculate and show performance metrics and visualization using high-charts.

All account Fees: Developed web application to consolidate fee related legacy solutions for retirement, user managed and advisory accounts into a single platform to help expedite the process of creating new fee types. Used IBM DB2 Java stored procedures.

Contractor – Java developer

Caterpillar HQ, Peoria, IL. October 2011 – December 2011

Did Enhancements to TMIWeb (<http://tmiweb.cat.com>) using Spring MVC framework, Hibernate ORM framework, Java server pages, JQuery and JMesa tables.

Contractor – Java developer

Credit Suisse Investment Bank, NYC. March 2011 – September 2011

Global Stock record is a high volume, high performance ledger on which all security movements and positions are recorded. Used Drools rule engine to break incoming trade requests, implemented aggregation logic in java and improved performance by tuning indices and queries to process 8 million records per hour on a 4 node cluster. Used JMeter to simulate high loads.

Java Intern

Mars-telecom, Hyderabad. May 2008 – August 2008

Developed a proof of concept for AXA auto insurance using Cordys business process

management tool.

Java Intern

Renaissance infotech, Hyderabad. January 2008 – May 2008

Developed a college portal using HTML, CSS, Java, JEE and MySQL.

EDUCATION

Masters in Computer Science.

Illinois Institute of Technology, Chicago. January 2009 - December 2010.

Graduate coursework: Science of Programming, Algorithms, Advanced database organization, Operating systems design and implementation, Analytical modeling and simulation of computer systems, Computer networks I & II, Software project management, Object oriented analysis and design.

Scholarship: Dean's International alliance scholarship of 9 credit hours.

Bachelors in Electronics and Computer Engineering.

JNTU, Hyderabad, India. 2004 – 2008.

Undergraduate coursework: Numerical Methods, Solid state physics, C programming , Data structures, Mathematical Modeling and Simulation, Graph Theory, Probability and Statistics, Advanced Computer architecture, Software engineering, Artificial Intelligence, Artificial neural networks, Engineering mathematics 1 & 2.