

# APARNA VITTALA

*A Senior Big Data Consultant, a Cloud practitioner and a Machine Learning Enthusiast*

## SUMMARY

A Consultant in Analytics & Cognitive service, with over 5 years of professional experience in Big Data Analytics, Scala programming and Python programming. Areas of expertise include Big Data architecture, Spark via Scala, Amazon Web Services and SQL. A quick learner, hardworking, organized and applies niche skill set to deliver high quality client work.

## PROFESSIONAL EXPERIENCE: 60 MONTHS

Legato Health Technologies	Senior Software Engineer	Mar'19 – Present
Domain	Healthcare & Life Sciences	
Roles & Responsibilities	<ul style="list-style-type: none"><li>• <u>Network Design Optimization</u>: Served as an SME and involved end to end in the Optimization of Narrow Networks used by Business Analysts for efficient analysis of Health Care Providers Professional and Facility networks in Health care industry.</li><li>• <u>Common Data Layer</u>: Worked with Amazon Cloud Services (such as EC2, S3, EMR, GLUE, DYNAMODB) as part of the Data Lake project.</li><li>• <u>Cognitive Claims</u>:<ol style="list-style-type: none"><li>1.Auto adjudication of claims using <b>Machine Learning</b> model insights based on claims data to expedite claims processing using <b>Python API</b>, Spark and Scala.</li><li>2.As a part of Reference Data Team, extracted the near real time data from Teradata to <b>HBASE</b> using Spark and Scala in JSON format.</li></ol></li></ul>	
Achievements	<ul style="list-style-type: none"><li>• <b>THE TRAILBLAZER</b> award for going a mile ahead in analysis and implementation of complex logic for Cognitive Claims project.</li><li>• <b>The Best Presenter</b> award for leading and presenting DATA AVENGERS concept in a technical event – OPUS 2019 December.</li><li>• Integrated DevOps with NDO project.</li><li>• Served as a Trainer on behalf of internal Cloud Capability Team, to train peers in Amazon Elastic Mapreduce.</li></ul>	

Deloitte Consulting LLP	Spark Scala Developer	Aug'17 – Mar'19
Domain	Healthcare & Life Sciences	
Roles & Responsibilities	<ul style="list-style-type: none"><li>• <u>Network Design Optimization and Provider Insights (Health Care Analytics)</u>:<ol style="list-style-type: none"><li>1.Analyzing and processing the provider clinical data for data discovery.</li><li>2.Extensively worked on <b>SPARK</b> framework and <b>SCALA</b> language, leveraging dataframe API.</li><li>3.Creating complex <b>SPARK SQL</b> and <b>HIVE</b> queries for data validation.</li><li>4.Optimizing the <b>SCALA</b> code, using better spark configurations and code implementations.</li><li>5.Automating the processes by using Shell scripts, Control-M and Scala code with <b>Audit Balance and Control</b> framework.</li></ol></li></ul>	
Achievements	<ul style="list-style-type: none"><li>• Awarded with 'SPOT AWARD' for helping data science team in optimizing the performance of python code.</li><li>• Awarded with 'SPOT AWARD' for implementing various challenges in claims analytical data delivery.</li></ul>	

Tata Consulting Services	Data Engineer	Jun'15 – Aug'17
Domain	Banking	
Roles & Responsibilities	<ul style="list-style-type: none"><li>• Ingesting near real time customer events data from Cassandra DB to <b>HDFS</b> using forks in <b>OOZIE</b>.</li><li>• Importing JSON data from Oracle DB to <b>HDFS</b> using <b>SQOOP</b>.</li><li>• Performing validations and loading data to different tables using <b>HIVE</b> and <b>IMPALA</b>.</li><li>• Loading data to partitioned external <b>HIVE</b> table in PARQUET format using Snappy Codec.</li><li>• Data Quality Framework to analyze the data quality using IMPALA and UDF in HIVE.</li><li>• Developing <b>JAVA</b> code for automating the existing framework for efficient data load.</li><li>• Hadoop R&amp;D POC to implement streaming of data from Kafka to HDFS, Kafka to Hbase.</li></ul>	
Achievements	<ul style="list-style-type: none"><li>• Awarded with 'ON THE SPOT AWARD' for flawless deliverables and automation of a framework</li><li>• Rated as a <b>TOP PERFORMER</b> in the Data Analytics team.</li><li>• Rated as <b>TOP PERFORMER</b> and awarded with 'TCS KUDOS-The Excellence Award' for best performance.</li></ul>	

DOB: November 3<sup>rd</sup>, 1993

|Email: [aparnavittala03@gmail.com](mailto:aparnavittala03@gmail.com) | Phone: +91 7032824202

## SKILLS, ACHIEVEMENTS & ACTIVITIES

Skills	APACHE SPARK	SCALA	AWS	PYTHON	JAVA
	MACHINE LEARNING	SQOOP	SQL	HBASE	MONGODB
	OOZIE	CASSANDRA	UI PATH	SAS	KAFKA
	DEVOPS	TERADATA	CONFLUENCE	BIT- BUCKET	AGILE
	CONTROL-M	JIRA	UNIX		
Academic Achievements	<ul style="list-style-type: none"><li>• <b>Achieved Certificate</b> in Web Component Development using Java Technologies - August'2014 from ORACLE.</li><li>• Attempted <b>Cloudera</b> Certified Associate - Spark and HDP Certified Hadoop Developer - Spark Certifications.</li><li>• Worked for a white paper on "<b>Streaming Analytics</b>" using SPARK, KAFKA and JAVA.</li><li>• <b>Published a paper</b> on 'Different Google Page Ranking Updates' in a National Conference - FACET NOV'2014.</li><li>• Interned as an Internshala Student Partner at Internshala (one of 110 students selected for League of Extraordinary students in India).</li></ul>				
Extra Curricular	<ul style="list-style-type: none"><li>• Represented college, in a group dance competition in National Level Cultural Fest, SPRINGSPREE'14 in NIT, Warangal.</li><li>• <b>Received 1<sup>st</sup> prize</b> in Women's Doubles Badminton Championship – Deloitte'18</li><li>• <b>Received 1<sup>st</sup> prize</b> in Mixed Doubles Badminton Championship – Deloitte'18</li><li>• Received multiple rewards for a number of Dance performances, Art competitions at Legato in 2019.</li></ul>				

## ACADEMIC PROFILE

Year	Degree	Specialization	Institute	University	Percentage
2015	B.Tech	CSE	Kamala Institute of Technology and Science	JNTU Hyderabad	77.7%
2011	XII	Science	Sri CV Raman Junior College , Warangal	BIE, AP	86.5%
2009	X	NA	Baby Sainik High School	BSE, AP	92.0%

## ABOUT ME

- A Dance enthusiast - participated in various Cultural Events.
- An Avid book reader.
- An Adventure solo traveler.
- A Photographer.