Pradheep Arjunan

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EXPERIENCE SUMMARY

Software Engineer at Mindtree Limited with 2 years of IT work experience.

- Underwent extensive training on Big Data spanning over 45 days. Covered modules like Big Data Technology Landscape, Machine Learning and NLP (Natural Language Processing), Analytics with R and Rhadoop and worked on Business use cases (PoC). Technologies like Pig, Hive, HBase, MapReduce, R and Rhadoop were used.
- Knowledge of product and application design and development.
- Been an active part of Big Data COE Team for 12months at Mindtree Ltd.
- Worked as a Developer cum Architect in CIF (Customer Insight Framework/Platform) project in BIGDATA at Mindtree Ltd.
- Trained on AMAZON AWS like: EMR, RDS, Redshift, SWF, S3, Data Pipeline, and EC2.
- Been Amazon AWS Admin since 6 months & current.

EDUCATION

B.E in Electronics and Communication Engineering with 7 cgpa   Sept 2008 — Aug 2012

From St.Joseph's College of Engineering, Chennai,Tamilnadu, India
(Affiliated to Anna University)

TECHNICAL SKILLS

Horizontals/Technology	Proficient	Intermediate
Big Data & Analytics	Hadoop, Pig, Hive, Sqoop, Flume, Oozie	Rhadoop, NLP, R, Machine Learning, Map Reduce, HBase **Tools**: Hortonworks, Cloudera CDH4
Data warehouse	MySQL, SQL, PostgreSQL	Oracle, MSSQL **Tools**: Tableau
AWS (AMAZON WEB SERVICES)	S3, EMR, Redshift, EC2	RDS, SWF, Data Pipeline
Programming Languages	C, C++, Core Java, Java EE	HTML, JavaScript, JQuery, Ajax, Springs, Hibernate

CERTIFICATIONS

- Oracle Certified Java Developer.
- Certified in Fire Fighting and First Aid in year 2014.
- Mindtree Certified Engineer in year 2014.

TRAINING PROGRAM

Trained on	Date
Mindtree & Accure Pvt. Ltd. Big Data Analytics Training (Rhadoop, Hive, Pig, Hadoop, NLP, Machine Learning)	Oct 14,2013
R (Analytical Tool)	Aug 12,2014
AMAZON AWS	Sept 01,2014

Project Experience

| Emirates PSS PoC | | Role: Big Data Developer | | Duration: **3 weeks** | Team size: **3** | |

Client	Emirates
Tools & Technology	Hadoop, Flume, Hive, HDFS, Linux
Project Description	Building the PoCs for new generation PSS work package for Emirates using emerging technologies like Bigdata, NoSQL data stores.

My Contributions

- Built the BigData Hadoop platform for the PoCs.
- Integrated R analytics with Hadoop HDFS filesystem.
- Written Hive query to fetch the data from Hive data base which stored the twitter live feeds using flume for visualization.
- Perform testing on the platform

| Customer Insight Framework | | Role: Developer, Architect | Duration: **1** Year **8** Months | Team size: **10** | |

Client	Mindtree Limited (Internal)
Tools & Technology	Analytics, R, Tableau, Hadoop, Hive, Pig, Sqoop, Flume,Oozie, Java, JavaScript, Tableau
Project Description	Product having Big Data & Analytics Capabilities. The integrated customer insights platform provides a clear roadmap for a 360 degree customer view from unstructured, semi-structured and structured data. Integrated Customer Insights enables retailers to create a context-based consumer persona. This permits targeted offers to consumers at various touch points such as POS, online, social and in-store aisles. The solution leverages the power of big data analytics and integrates social, behavioral, demographic and transactional data received from multiple structured and unstructured data sources

My Contributions

- Integrating the entire Hadoop component in a single Framework using java.
- Developed the Data model for the framework.
- Designed the flow of the application.
- Performing Analysis and developing Analytical Models

Johnson & Johnson One SEA (Singapore)	
	Role: AMAZON AWS Admin, Big Data Developer and Tester	Duration: **4** Months & present	Team size: **10**	

Client	Johnson & Johnson
Tools & Technology	AMAZON AWS, Hadoop, Java, Pig,Tableau, iDiscover (Sql Server), Linux
Project Description	Platform Migration to AMAZON Cloud using Big Data & AWS Technologies.

My Contributions

- Administration of AWS
- Writing Pig, Redshift code to run on EMR for ETL process
- Writing Java Program to extract data and convert excel to csv files.
- Perform testing on the platform
- Writing Automation script (Linux) to automate the complete ETL

ACHIEVEMENTS

Achievement/Award	Description	Date
Mindtree SpotOn Hats off Award	Quick turn-around and help that you extended in creating instances for the Big Data Training in spite of project deadlines. Setting up an Bigdata cloud Amazon lab in Mindtree for training mindtree people.	December, 2014
Mindtree SpotOn Unstoppable Award	Going beyond the call of duty to help others and stretching to ensure what need to be delivered is the key to success for the J&J project.	November, 2014
Recruitment	Panel member for Recruitments in DAS (Data Analytics & Solution) for Big Data.	November,2014
Mindtree SpotOn A-Team Award	The PoCs were developed using emerging technologies and NoSQL data stores.PSS PoC team delivered on time and schedule. The PoCs demonstration were highly appreciated by Emirates Senior Management and IT.	October, 2014
Contraption	Secured 1nd place 5 times in various colleges including NIT and Anna University and secured 3rd place in IIT.	March, 2012

PERSONAL PROFILE

Name	Pradheep Arjunan
Father's Name	Arjunan K
Date Of Birth	12th July, 1991
Gender	Male
Marital Status	Single
Nationality	Indian
Languages known	English, Tamil, French