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WORK EXPERIENCE

Data Analyst Engineer

Quantiphi Analyst Solution

August 2015 – Till Date

PROJECTS

D20

HeavyWater inc

Designed and deployed web application for Research Analysis using Amazon web services for IaaS (EC2, Load balancer), PaaS (Elastic Beanstalk, S3), and SaaS (SWF) .

TECHNOLOGY ENVIRONMENT :

- | | | | |
|------------------------------------|---|--------------------------------------|---------------------------------|
| <input type="checkbox"/> AWS EC2 | <input type="checkbox"/> Dynamo DB | <input type="checkbox"/> AWS SWF | <input type="checkbox"/> AWS S3 |
| <input type="checkbox"/> J2SE/J2EE | <input type="checkbox"/> RESTFULWebServices | <input type="checkbox"/> Spring | <input type="checkbox"/> Tomcat |
| <input type="checkbox"/> AWS-SDK | <input type="checkbox"/> Eclipse IDE | <input type="checkbox"/> Agile Model | |

Q-Portal

Quantiphi Analyst Inc

Designed and deployed web application for HR management which facilitates all functions of Human Resource Department that deals recruitment, employees, management, payroll, performance, attendance, training etc.

TECHNOLOGY ENVIRONMENT :

- | | | | |
|--------------------------------------|------------------------------------|---------------------------------------|--------------------------------------|
| <input type="checkbox"/> AWS EC2 | <input type="checkbox"/> J2SE/J2EE | <input type="checkbox"/> Spring | <input type="checkbox"/> AJAX |
| <input type="checkbox"/> Oracle 10g | <input type="checkbox"/> AWS S3 | <input type="checkbox"/> Web Services | <input type="checkbox"/> Bootstrap |
| <input type="checkbox"/> Agile Model | <input type="checkbox"/> Tomcat | <input type="checkbox"/> AWS-SDK | <input type="checkbox"/> Eclipse IDE |

AWS Tracking

Quantiphi Analyst Inc

Creation of automatic system which tracks AWS resources used by users. And also identifies instances, volumes etc tagged or not and according to usages calculate bill/month for all projects .

TECHNOLOGY ENVIRONMENT :

- | | | | |
|---|-----------------------------------|--------------------------------------|--------------------------------|
| <input type="checkbox"/> AWS EC2 | <input type="checkbox"/> AWS-SDK | <input type="checkbox"/> AWS Lambda | <input type="checkbox"/> J2SE |
| <input type="checkbox"/> Multithreading | <input type="checkbox"/> Cron-job | <input type="checkbox"/> Eclipse IDE | <input type="checkbox"/> Maven |

Association mining

Star TV India

Designed a web application which takes a csv file and cleans and transforms it using R and then using D3 it Generates a graph which shows which show is more popular compared to others.

TECHNOLOGY ENVIRONMENT :

- | | | | |
|--|--------------------------------------|--------------------------------|---|
| <input type="checkbox"/> R programming | <input type="checkbox"/> JSP/Servlet | <input type="checkbox"/> J2SE | <input type="checkbox"/> D3/Java Script |
| <input type="checkbox"/> HTML | <input type="checkbox"/> R Studio | <input type="checkbox"/> Maven | <input type="checkbox"/> EC2 |

DeFoa

Philips

Creation of system and visualization for identification and measurement of defects in products for a major Healthcare company. Also a system built to find out reasons behind defects in products.

TECHNOLOGY ENVIRONMENT :

- | | | | |
|--|-------------------------------------|--|---------------------------------|
| <input type="checkbox"/> Apache Hadoop | <input type="checkbox"/> HDFS | <input type="checkbox"/> Hive | <input type="checkbox"/> Sqoop |
| <input type="checkbox"/> CDH4 | <input type="checkbox"/> Map Reduce | <input type="checkbox"/> Advance Excel | <input type="checkbox"/> Talend |

Demand Forecasting

Philips

A multivariate time-series model built to anticipate turning points in demand based on installed base data. Major tasks involved finding relevant association in the data, extraction, transformation and load of the data, replication the model for multiple products and markets. Client now has the intelligence to better anticipate demand declines and prevent expensive inventory and write-offs.

TECHNOLOGY ENVIRONMENT :

- R
- MS-SQL

- Machine Learning

- SSIS

- Excel

S&OP

Philips

Forecasting based on multiple variables with the help of historical data. Efficient dimensional model creation. For reporting purpose of key performance indexes. VBAs and advanced excel applications for reporting purpose. SSIS used for efficient extraction, transformation and load of the data. End to end highly efficient and flexible process set up for this recurring reporting.

TECHNOLOGY ENVIRONMENT :

- SQL-SERVER

- SSIS

- Advance Excel

- VBA

EDUCATION/DEGREE

Program/ Degree	Institution	Grades/Percentage	Year
PG-DAC, Advanced computing	CDAC, Kharghar Mumbai	72.00%	2015
B.E, IT	RGPV, Bhopal	74.80%	2014
Class XII, State Board	SSAPI, Allahabad	66.70%	2010
Class X , State Board	TIC, Chitrakoot	60.00%	2007

AWARDS

Spot Award: Received Spot award for best performance.

First Rank in zonal level **Sanskrit Gyan Pariksha, 2006.**

Software and Technologies

- | | | |
|--|--|--------------------------------------|
| <input type="checkbox"/> Amazon web Services | <input type="checkbox"/> Big Data | <input type="checkbox"/> SQL-Server |
| <input type="checkbox"/> J2SE/J2EE | <input type="checkbox"/> Hadoop | <input type="checkbox"/> Oracle |
| <input type="checkbox"/> Spring Framework | <input type="checkbox"/> R | <input type="checkbox"/> SSIS |
| <input type="checkbox"/> Web Services - REST | <input type="checkbox"/> Machine Learning | <input type="checkbox"/> Informatica |
| <input type="checkbox"/> C/C++ | <input type="checkbox"/> Language Processing | <input type="checkbox"/> Talend |
| <input type="checkbox"/> Data Structure | <input type="checkbox"/> VBA/Advanced Excel | <input type="checkbox"/> GIT/SVN |