P. Sunil Kumar

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**Professional Summary**

* Having 6+ Years of experience in software industry including 3 years in AWS and 3 years on DW,ETL and BI tools.
* Now I continue growing as Cloud Engineer in Linux and AWS cloud computing technology & Administration .
* Having Sound knowledge on AWS Cloud services like – EC2, S3, RDS, VPC, Route53, Cloud Front, Cloud Formation, Cloud Watch & IAM.
* Having good Experience on AWS Cloud services like – Cloud Trail, Elastic cache, Glacier, SES & SNS.
* Good experience on EC2,VPC,Storage S3,ELB.
* Experience in Sqlserver & Oracle.
* Good at design and in Creating the SSIS/DTS packages to load data from multiple sources into relational databases.
* Having Experience on Linux/Unix environment and Shell commands.
* Experience in Linux and Automation Tools.
* Committed team player with good logical and problem solving skills, willing to relocate and ability to quickly adapt to new environments & technologies.
* **Virtualization** : Amazon AWS Cloud
* **CloudTechnologies** : Amazon Web Services (AWS), Amazon EC2 / S3 / RDS

CloudFront, CodeCommit, , CodeDeploy, CodePipeline,

Elasticache, Active Directory, DNS, VMware, ElasticSearch,

Ansible, Jenkins, Puppet, Bamboo,GIT

**Professional Experience**

* Working as a AWS developer in INFINITE SOLUTIONS from Aug 2017 to Oct 2017
* Working as a AWS,MSBI and Hadoop Developer in Technosoft Corporation, Chennai from May 2014 to Aug 2016.
* Worked as a MSBI Developer in Accenture, Chennai from Jan 2014 to Apr 2014
* Worked as a Sql server and MSBI Developer in INFOLOGIC SYSTEMS, Hyderabad from Feb 2011 to Jan 2014

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| **Project Details** |
| **# Current Project**  Client : Alstom Transport Paris  Title : AWS IFS  Role : Cloud Admin  Operating system : Red hat Linux 6.4  Environment: : Amazon Web Services, EC2, EBS, ELB, S3, VPC, Cloud watch, Auto Scaling,  IAM, RDS, Route53,Linux.  **Roles and Responsibilities:**   * Expertise level knowledge of Amazon EC2, Amazon S3, Route 53, Amazon RDS, Amazon, Elastic Load Balancing and Cloud Watch. * Build servers using AWS: Importing volumes, launching EC2, RDS, creating security groups, auto-scaling, load balancers (ELBs) in the defined virtual private connection. * Creating new EBS volumes and attaching them to EC2 instance when needed. * Backing up the EC2 instances volumes by creating a snapshots and saving them in S3 buckets for Disaster Recovery (DR). * Taking instance backups as Amazon Machine Image (AMI) and launching these when we need similar servers. * Maintaining and upgrading the EC2 instances according to the requirements. * EBS Volumes, Snapshots, AMI’s. Creating AMI images from existing instances and copy them to different regions / availability zones. * Uploading data, Snapshots and EBS volumes in S3 storage, while creating EC2 Instance. * Uploading data from EC2 to S3 using awscli commands and corn jobs. * Assigning  roles to EC2 instances to access/store data from  other AWS services like S3, cloud watch etc * ELB – Creating Load balance for EC2 Instances within in VPC, Adding instances to make online services highly available. * Managing load and instance failures through auto scaling and launch configuration. * Creating record sets when ever customer requested. * Creating routing policies to manage load on load balancers. * Handling multiple requests in IAM like creating users, groups and roles.   Client : Sprint Telecom  Role : Cloud Admin  Operating system : Red hat Linux 6.4  Environment: : Amazon Web Services, EC2, EBS, ELB, S3, VPC, Cloud watch, Auto Scaling,  IAM, RDS, Route53,Linux.   * AWS Cloud Computing - Infrastructure Management & Web Services * Managing AWS Services EC2, ELB, VPC, EBS, S3, [AWS Import/Export](http://aws.amazon.com/documentation/importexport/), IAM, [WorkSpaces](http://aws.amazon.com/documentation/workspaces/), CloudTrail andCloudWatch * Design and deploying cloud infrastructure as perSOW * Launch and managing Amazon EC2 and VPCinstances * Creating load balancer(ELB) * Scheduling task using AWSLambda * Create and managing VPC, Subnet and Securitygroups * Housekeeping activity based on Trustedadviser * Create and managing files and policies in S3 bucket (Simple StorageService) * Create and providing IAM access to theusers * Up scaling and attaching new EBSvolumes * Implementing AutoScaling   **# PCM (Predictive Chargeability Model)**  Environment : Sql Server, SSIS, SSRS.  Team Size : 15 Members.  Role : MSBI Developer  Duration : Jan 2014 to Apr 2014  **Description**:  PCM (predictive Chargeability Model) is used to identify historical trends in chargeability as well as forecast for future chargeability. This helps in consolidating the actual and forecasts and to compare them in reality. PCM is an Excel based tool. PCM forecaster will use the excel template for planning purposes. Data loaded in a monthly basis on D+3(MTD). Every month the previous month information is loaded, the historical months do not change (just in case of exceptions like data clean-up/issues) and PPS report in HRRA is used to tie out data sources.  **Responsibilities**:   * + Interacted with BA people for KT and requirement changes.   + Created Transformations using Data Flow Tasks.   + Used Control Flow Tasks like For Loop Container, For Each Loop Container, Sequential Container, Execute SQL task, email task and Data Flow Task.   + Extensively used Derive Column, Row Count, Data Conversion, Conditional Split and Aggregate.   + Developed Reports in the form of Matrix, Table and Chart using SQL Server 2008 Reporting Services.   + Responsible for creating and updating weekly and monthly status reports.   + Involved in knowledge sharing sessions to the fellow team members. |

**# Sales Information System**

Client : OD-UK

Environment : Sql Server, SSIS, SSRS.

Team Size : 10 Members.

Role : MSBI Developer

Duration : Mar 2012 to Dec 2013

**Description:**

The core aim of this project was to support the broader set of analytic needs. This data Warehouse design process includes data extracted periodically from the applications that support business processes and validated, reformatted, reorganized, summarized, restructured and finally loaded into

Data warehouse systems. The resulting data warehouse is the main source of information for report generation, analysis, and presentation through ad hoc reports and dashboards.

**Responsibilities:**

* + Extensively working in Data Extraction Transformation and loading from source to target system using SQL Server Integration Services
  + Importing source/target tables from the respective data base by using execute package task using control flow tasks in SQL Server Integration Services.
  + Created transformations and mappings using data flow tasks.
  + Created event handlers per the package using event handler tab.
  + Development of mappings according to the ETL specifications for the staging area data load & warehouse data load using Integration Services & SQL Server.
  + Used transformations like Derive Column, Conditional Split, Aggregate, Row Count, Lookup sort, Data Conversion and Script Task to load data into Data Warehouse.
  + Used stored procedures to load the data into data warehouse.
  + Create SQL Server Reports using Sql Server Reporting services.
  + As per requirements developed the reports in the form of Matrix, Table and Chart using SQL Server Reporting Services
  + Involved in unit testing.

# **Investment Banking Management**

Client : Commerz Bank, Germany

Environment : SQL server, MSBI (SSIS, SSRS)

Team Size : 20 Members.

Role : MSBI Developer

Duration : Feb 2011 to Feb 2012

**Description:**

This project is to provide different reports for making intelligent banking decision based on data available in various branches across the country connected over a period of time. Especially the Bank is focused on getting the analytic information about Target customer groups, Loss making schemes, Season wise financial analysis etc., Bank wants to have some system, which can give it intelligent reports regarding its current business situation and analytic information about its business. Bank wants to have tool, which will help it to analyze the current business trends and to make predictions about the future business trends.

**Responsibilities:**

* Creating Procedures and Functions
* Creating Tables, Views and Index.
* Used different transformations in Data Flow Tasks.
* Developed Reports in the form of Matrix, Table and Chart using SQL Server Reporting Services.
* Generated the Reports Weekly and Monthly wise as per the Client
* Created Drilldown Report so that analysis can be done from top to bottom.
* Converted the Reports into PDF format.
* Delivered the Reports to the end users.