**Expertise:** SAFe, Agile, JIRA, Medicare, Medicaid, Agile methodologies, Scrum, Kanban, Confluence, HCD, AWS Data Services-(Glue, EMR, RDS PostgreSQL, RedShift, DynamoDB, S3), AWS Lambda, API Gateway, AWS Comprehend, AWS Sagemaker, AWS Amplify, GitHub, Cloudera Suite (Spark, Hive, Kafka, Flume, Scoop) JavaScript, Vue JS, NodeJS, Python, Scala, Jupyter Notebook, CI/CD, Splunk, AWS CloudFormation, Tableau, MicroStrategy, BO, Cognos, Informatica, Oracle, Teradata, IDR, Medicare, Medicaid.

***Cloud Data Architect***

**Experience:**

**Project Manager/Cloud Data Architect: (Aug 2016 – Present) Client: Tantus Technologies, Woodlawn, MD**

*Contract to support HCQIS PM3 (CMS/CCSQ)*

* Lead the conceptualization and technical architecture of AI/ML based comments evaluation system built on AWS.
* Responsible for creating and maintaining AWS CloudFormation templates for Dev, Implementation and Production environment for OCE Sentiment Analysis project
* Worked on creating front-end application using Vue JS framework to deploy tableau and open-source visualizations and comment review analysis.
* Set up Continuous Integration and Continuous Deployment for Data Platform involving AWS Amplify, AWS Cognito, API Gateway and Git Hub for automation.
* Designed and implemented data structures, pipelines, and transformations for eRulemaking Data Lake and other key components using AWS Glue, AWS EMR Cluster, S3, RDS Postgres, and Lambda Function.
* Provide expert technical advice in designing a robust supply chain by using CI/CD pipelines with integrated unit testing, browser based functional testing, code maintainability checks, 508 compliance scanning, etc.
* Act as a SME for Technical Decision Board to provide enterprise level technical inputs to ensure that enterprise wide initiatives, methodologies, and technology solutions align with the CMS’s move to cloud modernization efforts

**Analytics Lead (Mar 2016 – Jul 2016) Client: Optum Health: Woodlawn, MD**

*Contract to support MACBIS (CMS/CMCS)*

* Designed and architect BI Solution for T-MSIS Data on AWS Redshift using MicroStrategy
* Involved in designing data model for T-MSIS Warehouse and strategized to get MSIS into new T-MSIS warehouse.
* Designed and architected BI Solution and semantic layer on AWS Redshift using MicroStrategy for Medicaid data.
* Designed and developed apache spark jobs to ingest data, transform and store data in Hive

**Analytics Lead (April 15 – Feb 2016), Client: Northrup Grumman: Windsor Mill MD** *Contract for Next Generation ACO (CMS/CMMI)*

* Assessed business implications for each ETL & BI ACO Reports development phase and monitored progress to meet deadlines.
* Guided the work of technical teams and creating the architecture for BI reporting system for ACO-OS.
* Resolved numerous tactical matters, scope creep and divergent business and ACO-OS user needs.
* Architected and built analytics semantic layer for ACO-OS reporting system.

**Analytics Architect (Dec 13 – March 2015), Client: General Dynamics IT: Windsor Mill MD**

*Contract for T-MSIS (CMS/CMCS)*

* Designed and built MicroStrategy BI analytics semantic layer, Dashboards and reporting system for T-MSIS

**Education:**

Master’s in Mechanical Engineering- WSU, Michigan (2002)

Bachelor of Engineering-Industrial & Production Engineering, NIE, India (1999)

**Certifications:**

* Cloudera Big Data: Spark & Hadoop Developer CCA175
* Amazon Web Services (AWS) Big Data Specialty
* Amazon Web Services (AWS) DevOps Professional
* Amazon Web Services (AWS) DevOps Associate

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313-574-8147

**Raghu V**

**Previous Experience is available on request**

* Involved in requirement gathering with the business partners and SME to implementing the Warehouse from STAGE, Date Warehouse and Data Mart areas for Medicaid Statistical Information Data (T-MSIS)

**Analytics Lead (Oct 12 – Nov 2013), Client: Signature Consulting Group: Windsor Mill MD**

*Contract for Pioneer ACO (CMS/CMMI)*

* Architected and designed BI and Analytics for QMAT program from the ground up including designing the database based on Pioneer ACO's data
* Worked with data architect for dimensional modeling. Used Erwin extensively to accomplish near perfect dimensional modeling.

**Analytics Lead (Oct 2011- Sep 2012), Client: Lockheed Martin: Woodlawn MD**

*Contract for NDW (CMS/OC)*

* Managed Requirements gathering, Design, ETL, Report and MicroStrategy Development, Integration, ETL installation debugging, using Informatica, Testing and Production implementation.
* Resolved source data quality issues (identifying/addressing discrepancies between BPAs and implementation), replacing data feeds from partners, reporting and Datamart trending requests from the government.

**Analytics Architect (Oct 2010-Sep 2011), Client: General Dynamics Information Technology: Woodlawn MD**

*Contract for DDPS (CMS/CM)*

* Defined and developed Enterprise Reporting Strategy for smooth transformation of existing Cognos Reports to MicroStrategy reports based of CMS IDR
* Involved in identifying information at the appropriate level of detail to assist in analysis of business. Built ‘As Is’ and ‘To Be’ process models and did detailed gap analysis

**Data Analytics Developer (Sep 2007-Sep 2010), Client: Maricom Systems: Baltimore MD**

*Contract for BI/ETL (CMS/OIT)*

* Designed, developed and supported CMS Business Intelligence efforts CMS/OIT's BI/ETL contract using MicroStrategy, Business Objects and Cognos.
* Worked extensively with ETL team in development of source to target mapping requirements and the instantiation of those requirements using Informatica ETL tool.

**MicroStrategy Consultant (Aug 2005- Nov 2005), Client: Southern California Edison: Alhambra, CA**

* Designed, developed and supported Southern California Edison's Outage reporting system BI efforts using MicroStrategy.

**MicroStrategy Consultant (May 2005- Jul 2005), Client: Carl Warren & Co: City of Orange, CA**

* Generated and implemented MicroStrategy analytics on customer claims data

**Certifications:**

**Certifications Continued...**

**Certifications Continued…**

* Certified-SAFe®4 Government Practitioner
* SAFe 4.0 Agile Practitioner
* Project Management Professional, PMP® 2009
* MicroStrategy Certified Engineer, MCE
* DevOps Foundation Certified