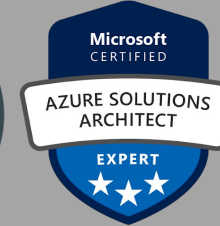


# Hari Namballa

Cloud Architect / Data Engineer

919-423-8541

[Hari@Namballa.com](mailto:Hari@Namballa.com)



## Profile

Worked with more than 50 clients in the US more than 20 years in the related tasks with various skills mentioned below.

- Google Cloud Platform Professional Cloud Data Engineer
- Google Cloud Platform Professional Cloud Architect Certification
- Amazon Web Services Big Data Specialty
- Amazon Web Services Solution Architect Professional
- Cloud Engineer using Infrastructure as Code (Terraform) as part of your deployment process has a number of immediate benefits to your workflow migrate On-prem mainframe dataset to GCP
- Building pipeline from external sources – GCP – GCS – DataFlow – DataProc – Cloud Spanner – IAM – Cloud Build – Cloud Functions – Big Query – Data Studio

## Selected Experience

- Extraction via JDBC with FastConnect from Teradata using TPT (Parallel Transporter) into BigQuery
  - Building apps in AppEngine
  - GCP Data Studio analytics and native AI
  - Building APIs
  - Data Factory / Databricks to BigQuery / GCS
  - automated administration to manage the infrastructure to run your code
  - Expertise approach of migration with the Teradata via Google Cloud APIs into BigQuery
  - Orchestrate multiple functions
  - Functions related development for the requests served and the compute time
  - Continuous Delivery using Spinnaker platform
- Worked with Spinnaker cloud deployment tool to support Google Cloud along with Azure

### Google Cloud Platform (GCP) / Azure Cloud Architect

- Building apps in AppEngine
  - GCP Data Studio analytics and native AI
  - Data Factory / Databricks to BigQuery / GCS
  - automated administration to manage the infrastructure to run your code
  - Orchestrate multiple functions
- Customized Migration of Teradata to BigQuery via JDBC with FastConnect / Teradata Parallel Transporter (TPT), Automatic schema conversion or custom schema file / On-demand transfer or incremental transfers

### DevOps / Terraform Architect

- As Cloud Engineer using Infrastructure as Code as part of your deployment process has a number of immediate benefits to your workflow:
- To ensure the speed - automating, manually navigating through an interface to deploy and connect up resources
- Large set of infrastructure reliability, resource or provision the services. With IaC the resources will be configured exactly as declared, and implicit/explicit dependencies can be used to ensure the creation order.
- With the ease at which the infrastructure can be deployed, experimental changes can be readily investigated with scaled down resources to minimize the cost and can be scaled up for production deployments.

### Google Cloud Architect (GCP) / AWS Architect

- Extensively worked on all Google Cloud Platform components - BigQuery, BigTables, Google Cloud Storage in Cloud Shell writing scripts and GUI interface too.
- Worked with migration of data from on-premise to cloud.
- Developed pipeline using JSON-Kafka-GCS-BigQuery (BQ) using GCP Pub/Sub and DataFlow.
- Worked with Google CloudML libraries, deployed models to predictive analytics.
- Worked with TensorFlow and Cloud Machine Learning Engine managed infrastructure.

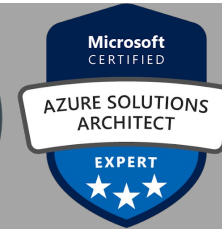


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## Major Skills

Services – BigQuery, DataFlow, DataProc, Cloud Storage, Compute Engine, Pub/Sub  
Extensively used optimization methods -  
GCP BigQuery best practice Optimize query computation  
Optimize your join patterns  
Avoid repeatedly transforming data through SQL queries  
Prune partitioned queries / Partition pruning with subqueries  
Avoid multiple evaluations of the same Common Table Expressions (CTEs)  
Split complex queries into multiple smaller ones  
Automate view creation

## Education Qualifications

Bachelors in Electronics and Communication Engineering  
Certification Training in OBIEE - AdvanceSoft Technologies  
SAP Financial Controlling (FI/CO) Training, EMax Technologies  
Training in Visual Studio .NET with emphasis on .NET framework, ASP.Net, VB  
UNIX & C Training, Institute of Computer Software Systems  
Post Graduate Diploma in System Management, System Analysis & Design, NIIT  
Part time Diploma in RDBMS, Institute of Computer Software Systems  
Certifications in Visual Basic 6.0 / Visual Basic 5.0 / Visual Interdev 6.0.

## Relevant Other skills

- Cloud Architect / Dev Ops Consultant
- Specialization in Data Engineering / Architecting Google Cloud Platform (GCP)
- Terraform IaC Expert
- Amazon Web Services (AWS)
- Windows Azure Architect
- Cloud Security Professional
- IBM Bluemix
- Hadoop / Big Data Related
- Hortonworks / Cloudera Hadoop Architect (CDH 5)
- Hadoop Administrator
- Hadoop Security Specialist (Kerberos / Sentry / Knox / Argus / ACL)
- Apache Spark
- Kafka
- Cassandra / HBase / Hive / Impala / MongoDB
- Apache Solr
- Apache Storm
- Advanced Predictive Modeling in R
- Machine Learning / Mahout
- Data Ingestion related
- Data Scientist
- Data-warehouse Architect
- BI Visualization tools
- DevOps
- Gif / Chef / Docker / Jenkins / Puppet / Ansible / Nagios.

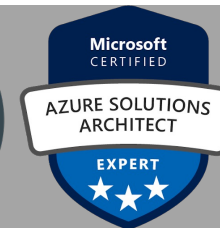


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## Major clients worked with

<u>Client</u>	<u>Date Range</u>	<u>Role</u>	<u>Major Skills</u>	<u>Brief Details</u>
Verizon	March 2022 – Till Date	Google Cloud Platform	Google Cloud Platform, BigQuery, AWS, Jenkins, DevOps, Terraform, SQL Server	Worked with API Modernization with industry best practices. Worked with GCP libraries and developed script to tweak best configuration for optimizing costs. Re-Design of Infra Right-sizing of Infrastructure based on utilization metrics via terraform. Worked with CI/CD pipeline via Jenkins. Worked with dbt – data governance data cleansing processes Worked with Lambda functions on local environment development activities. API interface for Ansible CI/CD functions as Jenkins plugins.
Petsmart	May 2021- Feb 2022	Azure Cloud	Azure Cloud, Snowflake, Azure DevOps, Terraform, SQL Server, Cosmos DB	Data Factory / Databricks to Azure Storage Data Modernization / Data Migration / DataLake via dbt for data cleansing DevOps / Data pipelines Coding in Python / Scala

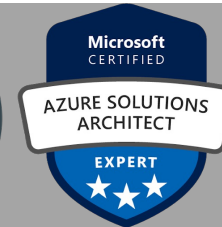


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## Major clients worked with

Client	Date Range	Role	Major Skills	Brief Details
Macys	Sep 2020 - Apr 2021	Azure Cloud	Azure Cloud Platform, Terraform, DB2, TeraData, SQL Server, SQL, PL/SQL	Worked with databricks notebooks, with python based data migrations methods. Datamart / Datalake creation SOA based services / microservices
Nuance Communications	Sep 2019- Sep 2020	Azure Cloud	Azure Cloud, Azure DevOps, Terraform, SQL Server, Cosmos DB	Data Factory / Databricks to Azure Storage Data Modernization / Data Migration / DataLake via dbt for data governance DevOps / Data pipelines Coding in Python / Scala
Google	Jan 2018 - Aug 2019	Google Cloud Platform	Google Cloud Platform(GCP), Google BigQuery, Pub/Sub(Kafka), Google DataFlow(Spark), BigTable, CloudSQL	Bigquery Migration from onprem to cloud.
Home Depot	Feb-2016 - Dec 2017			Worked with GCP libraries and developed script to tweak best configuration for optimizing costs. Worked with CI/CD pipeline via Jenkins. API interface for Ansible CI/CD functions as Jenkins plugins.
GE (CA) CARS.COM (IL) JPMC (TX) VISA (CA) Shell (TX) Walmart, Kaiser, BOA, MDA, Pergo, Fidelity and other clients	Nov 2014 – Jan 2016 May 2014 – Nov 2014 Feb 2014 – May 2014 Oct 2013 – Feb 2014 Apr 2013 – Oct 2013 2013 - 1998	Data Architect Data Engineer Application Architect Application Developer Web Developer Datawarehouse Expert	Hadoop Bigdata, Azure, GCP, AWS SQL Server, Oracle Informatica, AbInitio Datawarehousing skills, SQL	Cloud Data Migration, Microservice architectures, Datawarehouse development, Web application development