Name : **Vanga Reddy, Senior SAP Basis/HANA Consultant**

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**Professional Summary**

Vanga Reddy is SAP Certified BASIS/HANA Consultant, having 15 years of IT experience of which 12+ years of experience as SAP BASIS Consultant with Global Industry leaders like Department of Human Services, Woolworths, Coca-cola Amatil, GPT, FORD, DHL, PepsiCo, SHELL and Volvo on multiple projects with complex and diversified SAP landscapes, components and versions.  
  
Current interests includes S/4 HANA Conversions, Upgrades and Implementations, Suite on HANA, BW on HANA Migrations, SAP Landscape migrations to Cloud such as AWS, Azure, SAP Business Suite and NetWeaver Unicode Conversion and Upgrades, Business Objects implementations and upgrades, FIORI Apps, SAP SSO, SLT.  
  
**SAP Applications:** S/4 HANA 1503, 1511, 1610 to 1709, Suite on Hana, FIORI 2.0, 4.6C to ECC6 EHP7, BW 3.5 to BW 7.4, XI 3.0 to PI/PO 7.4, CRM, SRM, SCM, LiveCache, Duet Enterprise 1.0, SAP BW on HANA and Solution Manager 3.1 to 7.2

**Operating systems:** HP-UX, AIX, Sun Solaris, Suse Linux, Redhat and Windows.

**Databases:** Oracle 8i to 10g, 11g, HANADB 1.0/2.0, MSSQL, MAXDB and DB2.

**SAP Projects:** S/4 HANA Conversions, DB Migrations, 4 Implementations, 5 Upgrades and 7 Support projects for global renowned clients.

Architect, Team Leading capabilities and or individual contribution according to client’s assignments

**Solution Manager**: Project and production support tasks like SMSY, SLD, EWA, Mopz, Support desk, CEN, SMD, CBTA and Wily Introscope

**SAP Project Support:** FIORI Implementations, Data archiving, daily monitoring, DB refreshes, System copies, Troubleshooting, Support Patch upgrade, Client administration, Central CCMS configuration, CUA configuration, Performance monitoring and tuning, Oracle upgrades, Unicode Conversions and XI administration.

**EDUCATIONAL OVERVIEW**

**1998: Diploma in Leather Technology, University of Bangalore, India**

**CERTIFICATIONS**

* **AWS Certified Solution Architect -Associate – June 2017**
* **SAP Certified Solution Technology Professional – Platform Technology with SAP NetWeaver 7.0 – P\_ADM\_SYS\_70 – 2011**
* **SAP Certified Solution Manager Consultant - SMI310 – 2005**

**KEY PROJECTS HANDLED**

**SAP HANA, S/4 HANA Conversion, Suite on HANA, Upgrades and Migrations (ProKarma Inc, Denver)**

**Clients : ProKarma, NuVasive, Greenheck, MTS, Cooper Tires, IFA,**

**Wells Fargo, FireApps, Cutter & Buck and IID**

**Role : SAP Basis/HANA Engineer.**

## Oct 2017 – Present

**SAP HANA BASIS Architect**

**Client: NuVasive, San Diego, CA**

**Project: SAP S/4 HANA 1610 FPS02 Conversion POC on OpenStack VM**

* Planning the SAP S/4 HANA Conversion on OpenStack VM
* Evaluate the client source system by EWA report, HANA Sizing report, code page configuration and System info XML
* System prerequisites steps and third-party add-on checks
* Plan for S/4HANA conversion in Maintenance planner to generate stack xml and check add-ons/activated business functions
* S/4 Conversion Prepare phase
  + SAP Authorization
  + Master data – Integrate Customer/Vendor and Business partners
  + Finance
  + Non-Finance
  + Vistex related issues
* Assist the functional and technical team for Simplification list analysis
* Prepare and Build HANA 2.0 SPS02 database on OpenStack VM
* SUM with DMO on S/4 HANA Conversion from SAP ERP6 EHP7

**Environment:**  SAP ERP6 EHP7 to S/4 HANA 1610 FPS02. SLES 12 SP2 & Windows 2012 R2. MS SQL 2012 & HANA 2.0 SPS02.

## March 2017 – Sept 2017

**SAP HANA BASIS Consultant**

**Client: Greenheck, Schofield, WI**

**Project: SAP Suite on HANA Migration on AWS**

* Planning the SAP Suite on HANA Migration on AWS Cloud
* Evaluate the client source system by EWA report, HANA Sizing report, code page configuration and System info XML
* identify build method of source system on AWS Cloud by backup/restore or export/import and the data transfer from client site to AWS
* Build Source System by transfer the system data by system export to AWS Storage
* Build AWS Instance and prepare OS and DB
* Perform SWPM system-copy target System steps using export data and validate
* System prerequisites steps and Unicode conversion
* Plan for Suite on HANA Migration in Maintenance planner to generate stack xml and check add-ons/activated business functions
* Unicode Conversion Preparation steps as per the DMO UC guide
* Prepare and Build HANA 2.0 SPS00 database on AWS
* Used SAP HANA on AWS Quick Start Reference Deployment
* Realization phase with SUM-DMO on Suite on HANA Migration from SAP ERP6 EHP5
* Follow-on activities for Unicode Conversion
* Post Conversion activities on HANA DB and Application Instances
* Move the application instance on to HANA DB host as single system
* Configuring HANA DB backups schedules with BASH Scripts and copying to AWS S3 buckets

**Environment:**  SAP ERP6 EHP5 Non-Unicode to ERP6 EHP7 on HANA. SLES 12 SP1 & Windows 2012 R2. Oracle 11.2 & HANA 2.0 SPS00. AWS Cloud EC2 Instances.

## March 2017 – Sept 2017

**SAP HANA BASIS Consultant**

**Client: Greenheck, Schofield, WI**

**Project: SAP S/4 HANA 1610 Conversion POC on AWS**

* Planning the SAP S/4 HANA Conversion on AWS Cloud
* Evaluate the client source system by EWA report, HANA Sizing report, code page configuration and System info XML
* identify build method of source system on AWS Cloud by backup/restore or export/import and the data transfer from client site to AWS
* Build Source System by transfer the system data by system export to AWS Storage
* Build AWS Instance and prepare OS and DB
* Perform SWPM system-copy target System steps using export data and validate
* System prerequisites steps and Unicode conversion
* Plan for S/4HANA conversion in Maintenance planner to generate stack xml and check add-ons/activated business functions
* Conversion Prepare phase includes Pre-Checks, Custom code migration and Cross-Application Preps
* Assist the functional and technical team for Simplification list analysis
* Prepare and Build HANA 1.0 SPS12 database on AWS
* Used SAP HANA on AWS Quick Start Reference Deployment
* Realization phase with SUM on S/4 HANA Conversion from SAP ERP6 EHP5
* Follow-on activities for cross-application and Application specific such as Finance
* Post Conversion activities on HANA DB and Application Instances
* Configuring HANA DB backups schedules with BASH Scripts and copying to AWS S3 buckets

**Environment:**  SAP ERP6 EHP5 Non-Unicode to S/4 HANA 1610 FPS01. SLES 12 SP1 & Windows 2012 R2. Oracle 11.2 & HANA 1.0 SP12. AWS Cloud EC2 Instances.

## Nov 2016 – May 2017

**SAP HANA BASIS Consultant**

**Client: MTS Systems Corporation, Eden Prairie, MN**

**Project: SAP Suite on HANA and EHP Upgrade Assistance**

* Current Landscape Review and HANA Migration Scope Review
* Dependent systems Review and critical 3rd party applications
* Assessing Hana Landscape Sizing, Hardware requirements and HA/DR requirements
* Migration approach with standard migration and downtime planning
* Integrations and Architecture review
* SUM with DMO to upgrade to EHP8 and migrate to HANA DB
* Support and execute HANA migration with upgrade tasks
* Provide guidance to architect DR for HANA DB
* Assist in migration tuning to optimize the prod downtime
* Migrated 4 tier landscape SBX, DEV, QA and PRD

**Environment:**  SAP ERP6 EHP4 Unicode to ERP6 EHP8. AIX 5.3 & SLES 12 SP1.

Oracle 11.2 & HANA 1.0 SP12.

* **S/4 HANA 1610 on HANA DB 2.0 SP01 FireApps**
* Preparation of Documentation and notes with Prerequisites
* Launch the EC2 Instances such as r3.4xlarge on AWS
* Preparation of Operating system and Database for S/4 HANA Installation
* Downloading the required software’s and tools
* Readiness check of the OS and DB for starting the installations of SAP S/4 HANA on HANA DB 2.0 SP01
* Plan the new systems install or upgrade stack through Maintenance Planner
* Install HANA with Multi-Tenant Database Container (MDC) and Application instances
* Post installation steps with integration and client tools such as HANA studio, HANA Cockpit 2.0 and FIORI configuration
* Maintaining ports, access and servers on AWS Cloud
* Monitoring the HANA DB and schedule backups with HANA Cockpit 2.0
* Troubleshooting the issues and documenting for further support
* Continuous support after Successful setup and configuration

**Environment:**  S/4 HANA 1610, PO 7.4. SLES 12 SP2 & Windows 2012 R2. HANA 2.0 SP1 & MS SQL 2012 R2. AWS Cloud EC2 Instances.

## November 2015 – Present

**SAP BASIS/HANA Engineer**

**Client: ProKarma Innovative Landscape**

**Project: SAP S/4 HANA 1503/1511/1610 FPS02 and 1709 with BI 4.2, Solman 7.2 and Hybris on AWS Cloud**

* Preparation of Documentation and notes with Prerequisites
* Launch the EC2 Instances such as r3.8xlarge on AWS
* Preparation of Operating system and Database for Dev and Prod
* Downloading the required software’s and tools
* Readiness check of the OS and DB for starting the installations of SAP S/4 HANA on HANA DB 1.0 SPS 9/12 with BI 4.2
* Plan the new systems install or upgrade stack through Maintenance Planner
* Install database and Application instances along with BI 4.2
* Post installation steps with integration and client tools such as HANA studio, Lumira and FIORI configuration
* Upgrade the HANA db SPS9 to 110 and other application support packages along with client’s tools
* Upgrade S/4 HANA 1511 to 1610 FPS02 and 1709
* Upgrade S/4 HANA 1610 FPS02 to 1709 along with SLES 12SP2 and HANA 2.0 SP2
* Planning, Preparing, Installing and Upgrade SAP Hybris 6.7
* Maintaining ports, access and servers on AWS Cloud
* Configuring HANA DB backups schedules and copying to AWS S3 buckets
* HANA System replication on secondary system for HA/DR setup
* Troubleshooting the issues and documenting for further support
* Continuous support after Successful setup and configuration

**Environment:**  SAP ERP6 EHP6, S/4 HANA 1503/1511/1610 FPS02, BI 4.2, Solman 7.2 SP4, BW 7.4 & Hybris 6.7. SLES 11/12 SP1, SP2 & Windows 2012 R2. HANA 1.0/2.0, MS SQL 2012 R2 & Maxdb 7.9. AWS Cloud EC2 Instances.

## March 2016 – March2017

**SAP BASIS Consultant**

**Client: Cutter & Buck, Seattle, WA**

**Project: SAP R3 4.6c to ERP6 EHP7 AFS, BW 3.5 to 7.4 Combined Upgrade and Unicode Conversion and BI migration to 4.2**

* Planning the SAP Landscape upgrade
* Preparation of Documentation and notes with Prerequisites
* Plan and create the system upgrade path for 2 step upgrade and Unicode conversion with AFS add-on
* Sandbox, Dev, QAT and Prod systems are involved in this Upgrade project
* Prepare the landscape as managed systems in Solution manager
* Calculate the target constellation using Maintenance planner with stack.xml include AFS
* Preparation of Source Operating system and Database
* Preparation of Target Server Sizing, Operating system and Database
* Copy the SAP Systems in Target Server and Prepare the Unicode Conversion
* Run upgrade to ERP6 EHP6 using SUM
* Run upgrade to NW 7.31 using SUM
* Export, Import and Post processing of Unicode Conversion
* Upgrade ERP to ERP6 EHP7 using SUM
* Upgrade BW to NW 7.4 using SUM
* DEV/PRD BI 4.2 Install and migrate the objects of BO 3.1
* Post upgrade tasks and support

**Environment:**  SAP 4.6c with AFS to SAP ERP 6.0 EHP7, SAP BW 3.5 to BW 7.4, BI 3.1 to BI 4.2 & Solution Manager 7.1SR1. Windows Server 2003, 2008 R2 & 2012 R2. MS SQL 2000, 2008 R2 & 2014 R2

* **SAP FIORI Apps on SAP ERP 6.0 for Imperial Irrigation district (IID)**
* SAP ERP Landscape review for FIORI setup
* Update the support packages and FIORI UI Patches on backend SAP ERP6 Ehp7
* Update the support packages and FIORI UI Patches on Front-end Server NW Gateway
* Configuration of SAP FIORI Infrastructure
* SAP FIORI Launchpad Configuration
* SAP FIORI Authorization objects in Front-end and Backend Applications
* SAP FIORI Apps Setup
* Configured Fiori Launchpad SSO with Active Directory as the authentication method
* Implemented custom Fiori catalogs/groups and PFCG roles in the Fiori frontend and ECC backend
* **SAP SSO on HANA from BI 4.2 for Cooper Tires**
* Prepare and check HANA for SSL with CommonCrypto
* Configuration of SSO on BI
* SAML Configuration Steps on HANA
* Post Steps along with testing and troubleshooting
* **SAP SLT setup and configuration for Cooper Tires**
* Prepare the environments with RFC connections
* Use the standalone SLT server for running SLT
* SLT Configuration on SAP SLT instance
* Managing the replication process using SAP HANA Studio
* **SAP PPM Performance Assessment for Wells Fargo**
* **SAP Adobe Document services setup and configuration for IFA**
* **SAP ERP 6 EHP7, S/4 HANA 1610 setup with SAP PO for FireApps**
* **SAP Landscape review for upgrade for Cutter & Buck**
* **SAP BOBJ Upgrade to 4.1 BODS 4.2 for Henningsen**

**SAP SRM Enhancements EDRMS, (Department of Human Services, Canberra)**

**Client : Department of Human Services (DHS), Canberra**

**Role : SAP Basis Integration Specialist.**

**Environment : SAP SRM 7, HPRM 8.0.1 with KGS Content Server 2.1**

**on Windows 2008 R2 with MS SQL**

**project : SRM EDRMS Phase 1**

The Accountabilities

**SAP SRM Enhancements EDRMS Linkage**

* **SAP SRM Integration with HP Records Manager**

**SAP Galaxy Project and BAU Support, (Woolworths Ltd, Sydney)**

**Client : Woolworths Ltd, Sydney**

**Role : Senior SAP Basis Consultant.**

**Environment : SAP ERP6 EHP6, BW, NetWeaver 7.31, PI 7.31**

**CRM 7.0 on HPUx/Linux with Oracle 11g and HANADB**

**Project : Galaxy Project, BW Hana Migration and BAU Support**

The Accountabilities

**SAP Galaxy Project and BAU Support**

* **SAP BW DB migration Oracle to HANA by Classical migration tools**
* SAP BW HANADB migration pre-steps and housekeeping jobs
* Sizing and System preparation for HANA Migrations
* Supporting the HANA migration activities using SWPM
* Post migration support
* HANA Multi-node setup for DEV/QAS Project/Production Landscape
* HANA Multi-node Setup for BW Prod environment with DR on UAT
* Monitoring the HANADB through SAP HANA Studio
* HANA DB Rev upgrade from 74 to 85 and 85.02
* HANA DB Client and Studio upgrades through HLM
* Row Store Re-org for HANA database
* Embedded Statistics service migration into Index server
* OOM Analysis and resolution
* Collecting the full system run time analysis for further investigation
* Long running statements and hung thread analysis
* Change co-ordination between Hardware Vendor and SAP for HANA Appliance
* **SAP Data Archiving for FICO and Retail Archive Objects**
* FICO Archive Objects Management
* Retail Archive Objects Implementation
* **SAP Prod/UAT Enterprise Server build and migration**
* Preparation of Documentation and notes
* Preparation of Operating system and Database
* Installing the high availability SAP instances on HP cluster packages with DR Setup
* Installing CI/SCS/ERS on HpUx packages and Application servers on Linux environment
* Thorough tests before migration of UAT
* Test the migration activity on UAT
* Server migration through homogeneous database copy and troubleshooting for UAT and followed by Production
* Post migration parameter tuning and issue resolution
* Continuous support of the environment
* **Oracle database upgrade (11.2.0.2 to 11.2.0.3)**
* **SAP NetWeaver upgrade (7.02 to 7.31)**
* **SAP Project and BAU Support**

**SAP Duet Enterprise PoC, (Coca-Cola Amatil (CCA) Sydney)**

**Client : CocaCola Amatil (CCA), Sydney**

**Role : SAP Basis NetWeaver Specialist.**

**Environment : SAP Duet Enterprise 1.0 SP2 on Windows 2008 R2**

**server with MS Sql 2008 R2 server**

**Project : SAP Duet Enterprise 1.0 POC**

**SAP Basis Specialist Services, (AWS and NDE Cloud for Oakton SAP Service)**

**Employer : Oakton Services Pty Ltd, Australia**

**Project : AWS (Amazon Web Services) and NDE (National**

**Development Environment Cloud, Sydney**

**Role : SAP Basis Specialist.**

**Environment : SAP ERP 6 EHP5 and EHP6, SAP NW 7.3 with PI and**

**CE, SAP Solution Manager 7.1 SP4 on Windows 2008 R2 server with MS Sql 2008 R2 server and Suse Linux 11 with Oracle 10g**

**Description : Specialist support for the SAP Cloud computing**

**environment**

* **AWS Cloud Server Setup**
* Preparation of Documentation, notes, Services in AWS with sizing, OS & Database
* Installation and patching of SAP ERP 6 EHP5, SAP NW 7.02 for Duet, SAP Router on Web Server
* Active Directory server configuration on Windows 2008 R2 server
* SAP Router configuration on web services server to route the services
* Configure the AWS environment with right network protocols/firewalls for SAP
* Establish the connections between Microsoft SharePoint 2010 and SAP LOB Servers
* Troubleshoot the issues and document it for the further reference
* Provide the access to the user through SAP Gui, SAP NWBC and SAP GUI HTML
* Continuous support for all the relevant SAP activities
* **NDE Cloud Server Setup**
* Preparation of Documentation, notes, services in physical and virtual servers with sizing OS and Database on Hyper-V environment
* Installation and patching of SAP ERP 6 EHP6, SAP NW 7.3 with PI and CE, SAP Solution Manager 7.1 and SAP Router
* Maintaining Virtual environment with Microsoft Hyper-V server
* Participation of Ramp ups of SAP ERP6 EHP6, SAP NW 7.3, SAP Solution Manager 7.1, SAP Duet Enterprise Feature pack 1 and SAP Business Objects Platform 4.0
* OS/DB migration exercise on Linux/oracle to Windows/MS SQL
* SAP Router configuration with SNC connection to SAP for support

**SAP Basis Implementation Support, (The GPT Group, Sydney)**

**Client : The GPT Group, Sydney**

**Role : SAP Basis NetWeaver Specialist.**

**Environment : SAP ERP 6.0 EhP4, PI 7.1, CE 7.1, EP 7.0, MDM 7.1**

**and SolMan 7.0 on Windows 2003 - 2008 and**

**MS SQL Server 2005 - 2008**

**Project : SAP Implementation Support, E2E RCA and CEN**

**SAP Basis Shared Services Support, (Extend technologies)**

**Contract : Extend Technologies, Sydney (an NTT DATA Company)**

**Role : Senior SAP Basis Consultant.**

**Duration : April 2010 to July 2010**

**Environment : Shared Services model with multiple clients**

**Projects : SAP Landscape support for multiple clients**

**SAP Basis Project Support, (FORD IT Services India)**

**Client : Ford IT Services, India (BTR US and Europe, CRM Next)**

**Role : Senior SAP Basis Consultant.**

**Duration : Dec 2009 to Apr 2010**

**Environment : SAP ECC 6, BW 7, PI 7, CRM 5, SCM 5 and SolMan 7**

**on AIX, Linux and DB2, Oracle 10g Databases.**

**Project : BTR US Project support, CEN, CUA, EHP4 upgrade, System refresh and copies, De-commissioning of unused servers**

**SAP Basis Production Support, (DHL IT Services Malaysia)**

**Client : DHL IT Services, Malaysia (INSIGHT, GAP ASIA**

**PACIFIC & E-GAP)**

**Role : Senior SAP Basis Consultant.**

**Environment : SAP ECC 5, BW 3.5, CRM 4.0 and 4.7 on HPUX, Linux**

**and Oracle 9i, 10 Databases. (NW04 on Basis 640**

**and 620)**

**Project : Performance Tuning and Production Support.**

**SAP Basis/NetWeaver implementation and administration of PI, ECC6and Solution Manager (GMPTE) UK**

**Client : Greater Manchester Public Transport Execution (GMPTE)**

**Role : SAP Basis Team Lead.**

**Environment : SAP ECC 6, PI 7.0 and Solution Manager 7.0 on**

**Windows 2003 with MS SQL 2005. (NetWeaver 7.0 SR3)**

**Project : SAP ECC 6.0 and PI 7.0 Implementation**

**and Unicode Conversion**

**SAP Basis Maintenance, XI administration and DB Refresh (PepsiCo)**

**Client : PepsiCo, (OneUp Project) Chicago, USA**

**Role : SAP Basis Team Lead.**

**Environment : SAP ECC 6, BW, XI, SRM, CRM and APO with LIVE CACHE**

**on HPUX and Oracle 9i, 10 Databases. (NW04s and**

**NW04 on Basis 700 and 640)**

**Projects : SAP Project One-up Landscape Support, Virtualization on Unix, XI/PI 7.0 Administration, Oracle Upgrade and DB Refresh**

**SAP Basis Database Refresh and 24/7 Basis Support (Shell International)**

**Client : Shell International (Downstream-One)**

**Role : SAP Basis Team Lead.**

**Environment : SAP R/3 4.7, BW, SRM, CRM, XI and APO with**

**LIVE CACHE on AIX and Oracle 9i Database.**

**Projects : 24/7 Monitoring and Monthly DB**

**Refresh of Pre-Production and Sandbox servers.**

**SAP R/3 Authorisation and Basis Support (Volvo Information Technology)**

**Client : Volvo Information Technology, Goteborg, Sweden**

**Role : SAP Basis Consultant.**

**Projects : Authorization support, transport & monitoring 120 Instances.**

**Environment : SAP R/3 4.7 on HP UNIX, Sun Solaris and AIX, Oracle 9i**

**Responsible : Authorization, Transport and team build**

**SAP ECC 5.0, Implementation (Natural Textiles Pvt Ltd)**

**Client : Natural Textiles Pvt Ltd, Bangalore, India**

**Role : SAP Basis Administrator**

**Project : SAP ECC 5.0 Implementation support**

**Environment : SAP ECC 5.0 on Windows 2003 server, MS SQL 2000**

***Other Projects***

* **SAP R/3 4.7 Implementation for MindTree Consulting Internal SAP Implementation using SAP R/3 4.7, BW 3.5 and CRM 4.0 on Windows 2003 server, MS SQL 2000 as Database.**
* **SAP R/3, APO & Net Weaver Installation for MindTree Center of Excellence**