VIJAYAKUMAR ARUMUGAM

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Personal Particulars:

Date of Birth: June 18, 1981

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ABOUT ME

PROFILE	Cloud Solution Architect with 15+yrs of IT experience in understanding business needs andproviding Techno-Functional, Infrastructure design development and Architectural solutionsfor ERP and Public cloud, Private clouds & Hybrid cloud. Experienced in implementing ERP solutions into to Public, private and Hybrid cloud. Sound exposure towards the services offered by public cloud including PaaS, IaaS, Storage, Active Backup and Recovery
SKILL SET	•Cloud Computing • Microsoft Azure • Amazon Web Services (AWS) • Network and systems • Azure Active Directory • Azure HANA Backup • Compute and storage • Networking •Monitoring • Security and Identity • Disaster Recovery and Management • SAP BASIS HANA • DevOps • Terraform • Bash/PowerShell • Python • Kubernetes • Docker/Docker Swarm • Architecting • Consulting • Business process and solution • Designing • Reporting • Strategic planning • Implementation • Migration • Support
TECHNICAL CERTIFICATIONS	• Microsoft Azure Solution Architect • Microsoft Azure Administrator • Microsoft Azure DevOps Solutions • Microsoft Azure Security Technologies • AWS Certified Solutions Architect – Associate • SAP Certified Technology Associate - SAP HANA (Edition 2015) • SAP Solution Manager 4.0 – Solution Manager Implementation Tools • Certified SCRUM Master (CSM) • SAFe Agilist (SA) – 4.0
ACADEMIES	• Secondary School Leaving certificate – 71.6% - 1997 - TamilNadu state board • Higher Secondary course certificate – 72.33% - 1999 - TamilNadu state board • Bachelor of Technology (B. Tech) in Information Technology – 70% - 2003 - Pondicherry University • Executive Programme in Business Management (EPBM) – 1st Class – 2011 - IIM Calcutta

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WORK EXPERIENCE

- HCL technologies – Solution Architect – Dec 2021 to till date
- Tata consulting Service (TCS) -Cloud Infra/Solution Architect - Jan 2018 to Dec 202
- GDM- Global Data Mart (USA) -ERP Solution Consultant (SAP & WORKDAY) - Jul 2016 - May 2017
- Hinduja Tech -Senior Lead Consultant SAP - Apr 2010 - Jul 2016
- Infosys Limited -Technical Lead (SAP) - Jun 2006 - Mar 2010
- Reliance Global Services -Software Engineer - Aug 2004 - May 2006

HCL - EUROPE CLIENT

- Period: Dec 2021 – Till Date
- Role: Solution Architect for Migration

- Working as Cloud Infrastructure solution Architect for a famous Information and Communication Technology (ICT) to service providers
- Role is to understand the current environment by working closely with business, functional, end users to give detailed solution for migrating applications in Hybrid environment (on-prem, AWS)
- Assessment for SAP and Non-SAP application and preparing a detailed Infra Architecture diagram for the Hybrid cloud connectivity and their Integrations\Interfaces
- Prepare Infrastructure communication matrix for the Hybrid environment by working along with the application team to prepare the Solution concepts
- Prepare RACI Matrix for the migrating applications

TCS - EUROPE RETAIL CLIENT

- Period: Apr 2020 – Till Date
- Role: Cloud Infra/Solution Architect for Implementation

- Working as Cloud Infrastructure solution Architect for a famous EU Retail Grocery chain which holds 25000+ servers globally
- Role is to understand the current environment by working closely with business, functional, end users to give detailed solution for migrating applications in Hybrid environment (on-prem, TCS ECP and Azure)
- Prepared Architecture diagram representing the SAP environments over the Hybrid cloud
- Prepared Architecture diagram for SAP integration between the environments and Non-SAP environments
- Prepared a detailed Infra Architecture diagram for the Hybrid cloud connectivity and their Integrations
- Prepared Infrastructure communication matrix for the Hybrid environment and worked with application team to prepare the Solution concepts for SAP
- Prepared detailed RACI Matrix for the SAP Implementation and Non-SAP migration
- Implementing SAP on Azure in Hybrid cloud for the DE region. Both QAS2 and Pre-Prod environments implemented and Prod, TST2, Dev environment is in progress
- Automated Infrastructure deployment and configuration with Terraform (IaaC), GitHub pipeline and Ansible
- Implemented services like recovery vault, Azure NFS, Log workspace, Storage, Monitoring, Azure AD, Rules and Policy specific to client, SAP HANA backup

TCS – U.S RETAIL CLIENT

- Period: Feb 2019 – Mar 2020
- Role: Cloud Infra Architect for Implementation

- Worked as a Cloud Infrastructure solution Architect for a famous US Retail Grocery chain with 5000+ Outlets
- Implemented TCS Optumera – Pricing module which helped the retailers to re-imagine themselves to agile and recalibrate strategy with deep insights in run-time
- Designed solution artifacts for the business requirement by analyzing their data volume (sizing), functional process and other mandatory criteria
- Designed and deployed the infrastructure more efficiently with specific to the resource

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- Defined the road map and environment strategy for all the environments to meet the infra setup based on application and data
- Enforce adherence to architectural standards/principles, global product-specific guidelines, usability design standards, etc.
- Supported the technical team by reviewing as-built configurations during environment setup and provided insight, direction on their roles and responsibilities required for solution operations

TCS - UK PHARMACEUTICAL CLIENT

- Period: Feb 2018 – Jan 2019
- Role: SAP Solution Consultant for Migration

- Designed the Infrastructure solution for on-premises to Cloud migration of both SAP (ECC) and dependent Non-SAP systems
- Created a detailed analysis document on Non-SAP systems integration with SAP system
- Drafted Infrastructure Architecture diagram with detailed resourcing specifications for Azure and GCP provider
- Drafted transition plan for migration project into the cloud environment including heterogeneous and homogeneous
- Achieved high level analytical observation of performance stats to arrive comprehensive system health status.
- Worked on proposal for migration of the current ECC environment into the cloud environment.
- Responsible for S4HANA server maintenance and configuration
- Mentored team in Cloud computing, Cloud security, Azure component, Agile working model

GDM - USA STEEL MANUFACTURING CLIENT

- Period: Jul 2016 – Apr 2017
- Role: ERP Solution Consultant for Support

Product Owner
- Organized and facilitated sprint planning, daily stand-up meetings, reviews, retrospectives, release planning, demos and other Scrum-related rituals.
- Defining the road map and prioritizing the backlog of work to meet the vision in a timely manner to meet market and customer demands.
- Drive and own backlog grooming and management prioritize the iteration and drive acceptance testing and delivery of iteration.
- Work closely with counterparts in product management to align on the vision, program backlog, and roadmap.
- Track and communicate team velocity and sprint/release progress.
- Coached team members on Agile principles and providing general guidance on the methodology

Senior Lead
- Coordination with the hardware vendor for the initial setup and preparation of HANA appliance
- Coordination with the implementation partner for various AWS system sizing for SAP HA and DR system
- Worked on the specification for system Setup and create workflow to manage our Cloud Solutions Group CSG and integrate with Loop1 Help Desk Ticket System.

- Interacted with the AWS team for more understandings based on our Infrastructure
- Client Installation of SAP ECC EHP7 on SP9 HANA (Distributed system Installation).
- P2V (Physical to Virtual) migration of non-PRD and PRD systems
- HANA Backup\Restore, system replication, HA and DR systems
- BOBJ 4.2 SP3 – Upgrade, pre and post installation activities for SOLMAN 7.2 SP03
- Performed system refreshes and homogeneous system copy.

HD - INDIAN AUTOMOBILE CLIENT

- Period: March 2015 – Jun 2016
- Role: Senior Lead Consultant for Support

Scrum Master and Product Owner

- Product ambassador for defining the product portfolio vision, strategy and roadmap for product.
- Executed on product roadmap deliverables, launched 15+ new features successfully.
- Managed 2 product scrum teams in the capacity of scrum master and planned for strategic and development releases.
- Facilitated sprint planning, retrospective and sprint demos
- Updated Agile tracking systems to provide transparency on product and sprint backlogs
- Helped team to solve problems rather than provide solutions

Solution Lead

- Prepare Detailed Plan and execute of HANA1.0 Installation along with the Pre and Post Activities
- Leading/Facilitating joint design sessions with business users and reporting staff.
- Changing Collation setting in SQL 2000 server before taking system export
- Pre-request: Applying support package to meet target system support level
- Initiating system export using Homogeneous system copy method
- Installation of SQL 2008 on Windows 2008 server, initiating system import in new platform
- Post upgrade activity and fine tuning
- Conducted presentations for the senior leadership to communicate the status and escalate any issues requiring their intervention
- SSO Configuration between Backend systems, resolving SSO and JCo's issues.
- Monitoring the database, system monitoring, dump analysis, system log and process overview

HD – OIL MANUFACTURING CLIENT

- Period: Jan 2014 – Jan 2015
- Role: Senior Lead Consultant for Support and Upgrade

- Preparation phase & in execution according to the plan
- Initiating system export using heterogeneous system copy method in source system
- Installation of Solution Manager 7.1 in Red Hat / DB2 10.1 platform using system import method
- Post installation activity for Solution Manager
- Integration between all other systems (ECC, BW, PI) to Solman system
- Preparing media required and Prerequisite's activity for upgrade
- Project Management and detailed preparation about the upgrade execution
- Upgrading the ECC system to EHP7 for the 3 system Landscape

HD - USA STEEL MANUFACTURING CLIENT

- Period: Jan 2013 – Nov 2013
- Role: Senior Lead Consultant for Implementation

- Prepare Detailed Plan and execute of Solman Installation along with the Pre and Post Activities for EP 7.3 / ESS/ MSS Implementation
- Updating the Kernel patches & Applying support patches
- Implementation CUA (Central User Administration) for entire landscape
- Setting up of Transport Management System, configuring the transport route, defining QA approvals.

- Administration of background jobs
- Applying Oracle patches for entire landscape
- Backup & Restore Database in SQL Server 2005 and SQL Server 2008.
- Backup & Restore Database in Oracle BR-TOOLS.
- Applying Max DB Patches.
- Content Server Upgrade.
- Client copy for all landscape.
- Content Server Backup & Restore.

HD – JAPAN AUTOMOBILE CLIENT

- Period: Dec 2011 – Nov 2012
- Role: Lead Consultant for Support

- Prepare Detailed Plan and execute of ECC 6.0 EHP5 Installation along with the Pre and Post Activities
- Integrating the SAP system to solution manager system for upgrade preparations
- Downloading the stack files with the help of Mopz
- Handled SUM tool, SPDD / SPAU request in pre-processing and execution phases with minimal downtime
- Troubleshooting the bugs and coordination with SAP Labs

HD – GERMANY STEEL MANUFACTURING CLIENT

- Period: Jul 2010 – Oct 2011
- Role: Lead Consultant for Data Migration and Implementation

- Worked as a Lead for Data migration team by holding the responsibility of Offshore team for the entire Data Migration lifecycle
- Anchored the data mapping activities and preparation of Data Collection Templates with the Business team and Functional consultants
- Consolidated all filled Data collection templates in Client Specific Format
- Successfully conducted the migration of Master Data, Open Transactions and Cutover Data using LSMW Direct input method, BAPI, IDOC and the Recording methods.
- We won Data the delivery excellence award from the client

- Worked as a Technical Lead to Implement SAP HR Compensation and Benefits
- Created Tables and View as like the standard SAP tables with date delimiting options. Created a Custom Infotype which manipulates the general increase, lump sum amount, lump sum count and Back pay concepts.
- Developed a Merit increase Report program which generates the smart form letter for the employees based on their general increase, lump sum.

INFY – USA OIL/GAS CLIENT

- Period: Sep 2009 – Mar 2010
- Role: Technical Lead for Upgrade project

  - Upgrade project from SAP version4.7 to ECC6.0 for SAP HR Module
  - The work involved all the Upgrade activities like SPAU/SPDD fixing, Unicode enabling, developing reports, Interface programs and deploying SAP OSS. Upgraded both the Development and the Quality server, after the successful UAT the datafrom the quality moved to Production server.
  - Created the User Guide for major changes in ECC 6.0 environment, all the changes are document with the screen shots.Worked hand in hand with the functional consultant and testing team for interface and theintegration testing

INFY – INFOSYS INTERNAL INFORMATION SYSTEM

- Period: Jan 2009 – Aug 2010
- Role: Technical Lead for Implementation

  - Worked as a Technical Lead for a team of 8 HR ABAP, 2 WDA and 1 workflow consultant for Implementing SAP HR Performance Management System (PMS) and Learning managementSystems (LSM), Moved the current PerforMagic System (.Net system) with SAP PMS and ILite system(ASP application) with SAP LMS
  - PMS-Successfully created the appraisal document for the senior managers of Infosys IBPO, LSM-Developed the Learning system organization for the IBPO employees and created the framework for the IT employee.
  - Developed Reusable component for creating the Appraisal template, created custom BAdI's,and BAPI's for uploading employee Master details. BDC for uploading employee Appraisal details. Created positive, negative scenarios test cases for the same

INFY – USA TELECOMMUNICATION CLIENT

- Period: Feb 2008 to Nov 2008
- Role: Technical Lead for Migration

  - Understanding the complete Business need from the client along with functional consultants and be a part of Preparing a detailed Roadmap/Plan for uploading master & transaction data into the system. Migration both HR and FI Master Data's using LSMW Direct input and recording methods. Migrated master data's like employee bank details, payroll information's, GL Balances,

INFY – AUSTRALIAN MINING CLIENT

- Period: April 2007 – Dec 2007
- Role: Software Engineer (SAP HR ABAPer) for Support project

INFY – AUSTRALIAN HEALTHCARE CLIENT

- Period: June 2006 – Feb 2007
- Role: Software Engineer (SAP ABAPer) for Support Project

RG – INDIAN MANUFACUTRING CLIENT

- Period: Aug 2004 – May 2006
- Role: Software Engineer (SAP ABAPer) for Support Project