U M E S H A   J M

E-Mail: umeshgowda@gmail.com

Mobile: 9844531398

O B J E C T I V E

Looking for a challenging and progressive environment on Technical and Management front where I can employ and strengthen my versatile skills and experience in providing Technical Leadership, Design and Architectural solutions on multi cloud platform and technologies.

P R O F E S S I O N A L   S U M M A R Y

- Overall 18+ years of experience in IT industry having sound exposure to various clients across geographic.
- Exceptional skills in enterprise architecture, cloud migration, and IT governance, with a strong commitment to aligning technology investments with business objectives.
- Possess onshore experience for 6 years across various customers which involved F2F engagements with the customer (Business Owners, Agents working on processes), owing the overall technical relationship of cloud infrastructure, project implementation and Proof of Concepts
- Solid experience in Enterprise Architect in TOGAF framework, ArchiMate, BPMN, UML, SOA, ESB, microservice, cloud computing, Devops, AI agents and Big Data Systems.
- Designed cloud migration strategy to optimized cost, reliable, scalable, and sustainable application landscape for the business requirements.
- Proposed EA principle and security guidelines for the new organization to be state Application landscape.
- Proficient in Design principles (SOLID, TDD, Domain Driven development process)
- Experience in agile approaches (Scrum master) for the project / product development.
- Excellent experience in various domains like industrial, Health Care, Retail, Banking, and Insurance.
- Manage day-to-day deliverable by the team and provide technical & techno-business mentoring to the team.

K E Y   A W A R D S   A N D   A C C O M P L I S H M E N T S

- Microsoft® Certified: Azure Solutions Architect Expert July 2024. (MCP ID: 3461848).
- AWS Certified Solution Architect – Associate Oct 2023
- TOGAF® 9 Certified Solution Architect, June 2022
- Project Management Professional (PMP) certified from PMI December 8th, 2021.
- ABB awarded the "Best Azure Architecture "in 2020.
- SIMENS recognized as the "Star Performer of the year "Award in 2006.

E D U C A T I O N

- Master of Science in Software System BITS Pilani (Software System), December 2013
- Bachelor of Engineering (Electronics & Communication), September 2001

Company	Designation	Duration
Cognizant Technology Solutions	Solution Architect	Dec 2021 – Till Date
Utthunga Technologies Pvt Ltd (ABB India)	Azure Solution Architect	April 2018 - Dec 2021
VED Software Service Inc. (Farmington Hills MI USA)	Sr. Consultant	Sep 2015 - March 2018
Tata Consultancy Services Pvt Ltd. (TCS India)	Technical Architect	Aug 2011 - Sep 2015
VED Software Service Inc. (Farmington Hills MI USA)	Sr. Consultant	May 2010 to Aug 2011
SIEMENS Information Systems Pvt Ltd. (India R&D)	Tech Lead, Senior Software Engineer & Software Engineer	Dec 2005 to April 2010

IT KNOWLEDGE PURVIEW

➢ Architect Skills: TOGAF framework, ArchiMate, BPMN, UML, SOA, ESB, microservice, cloud computing, Devops and Big Data
➢ Tools: EA Sparx, Microsoft Visio & PPT, UML, GIT HUB, TFS, JIRA, Devops, Jenkins.
➢ Expert in azure cloud solution architect for IoT Hub, Event hub, service bus, app service, Service fabrics, AKS, Kubernetes, docker, Databricks, Azure VM, Azure Devops, API Gateway, APIM, V-net, Azure AD, server less logic apps and function Apps, Python, ML, Spark, Python, Scala.
➢ Experience in Microservice Orchestration, Layer, SOA, Multi-tier, MVC, MVVM, Azure, Architecture development and deployment.
➢ Proficient in Data modeling and data architecture design for Mongo DB, SQL Server 2015, Oracle 10i, Azure SQL, AWS RDS, AWS DynomoDB.
➢ Expert in AWS cloud solution architect for service lambda, ECS, EKS, EC2, S3, Gateway, Laodbalancer, servicemesh, WAF, Glue, Redshift and AI/ML services,
➢ Handson Azure ML, Databricks, Pytorch, TensorFlow, Spark, Python and OpenAI, ChatGPT tools.
➢ Proficient in scripting for Azure CI/CD pipeline, YAML, ARM Template, Power shell, Azure CLI,
➢ Proficient in Microsoft Asp.Net Core, .Net Framework, C#, MVC5, Razor, ASP.Net, WebAPI, RESTful, WCF

PROFESSIONAL SUMMARY

Organization	Cognizant Technology Solutions
Duration	Dec 2021 – Till date
Environment	Architect Skills (EA Sparx): TOGAF framework, ArchiMate, BPMN, UML, SOA, ESB, microservice, cloud computing, Devops and Big Data Tools: EA Sparx, Microsoft Visio & PPT, UML, GIT HUB, TFS, JIRA, Devops, Jenkins. App Services, Logic Apps, Function App, Storage Account, API Management, Key Vaults, Application Insights, App Registration, VM Scale Sets, Application Gateway, AKS, Databricks, Power Shell, Azure devops , azure cli, ARM template, shell scripts, Azure Databricks, ML, Spark, Python, Scala, C# Xamrian,Docker,ADFS, Azure Data Lake, Mulesoft, Microsft Visio, UML
Responsibilities	• Workshop with business stakeholders, SMEs, and business consultant to discuss current state application landscape for translating future state simplified Application Architecture. • Designed cloud migration strategy to optimized cost, reliable, scalable and application landscape for the business requirements. • Proposed EA principle and security guidelines for the new organization to be state Application landscape. • Created applications architecture for integration between SaaS products. • Design integration required for a target state architecture and using EA Sparx (SAD) • Design integration solution using Azure Integration services for decoupled

	architecture.
	• Analyzed and reported on the business current and future solution architecture, detect issues, and implement the solutions to drive the business forward.
	• Collaborated with clients to understand their business requirements and translate them into technical solutions.
	• Create artifacts based on TOGAF framework to show case business, data, application, and technology architecture using EA Sparx and Visio tool.
	• Create solution architecture document and present to ARB to get the approval for implementation.
	• Design high level architecture to requirement and documented the and reviewed by Principal Architecture Team.
	• Define the Application Architecture, Information Architecture, Deployment and Technical Design Development.
	• Escalate and mitigate risk management proposals.
	• Created predict algorithm for the plant functional objects health.
	• Reviewed technical estimations and drive technical planning processes across engagements.
	• Operationalized automation-based best practices for test, release, performance, system integration and deployments across the cross functional team.
	• Manage day-to-day deliverable by the team and provide technical & techno-business mentoring to the team.
	• Focus on resolving blockers to keep the team concentrated on the deliverable.
	• Ensures the team is clear on the requirements, technical solutions, and priorities.
	• Set the correct level of expectations in terms of delivery plan, dates & scope with the client and development team.
	• Manage interactions/escalations and consult client on project delivery, process, technology as well as business needs.
	• Work with leads and management for recruitment and people development initiatives.
	• Prepare and the solution document, requirement document and data design document.
	• Integrating the architecture solution in the azure cloud platform.

Project	ORCP Project Legend – EnviroServe	Duration	Jan 2023 to till date

EnviroServe has provided critical services to safely remediate and prevent environmental releases, manage waste, and respond to emergency and catastrophic events. Whether it is chemical releases, tank truck rollovers, pipeline emergencies, train derailments, leaking containers, maritime spills, or in-plant releases, our highly trained team across thirty-five locations has seen and serviced it all.

Enviro Serve is migration and enterprise application landscape separation from parent company. The Enviro Serve had legacy standalone on premise application. Workshop with business stakeholders, SMEs, and business consultant to discuss current state application landscape for translating future state simplified Application Architecture.

Project	WorkBank Management Tool –	Duration	Feb 2021 to Dec 2022

	NetworkRail		

Network rail is rail service in UK for the platform II project. The data of train attached drainage asset and earthwork asset from on-primes will processed. The historical data will used for data analytics. The analytics will help the business user to decide the asset risk analysis. The risk score and model be used create work bank for the train assets.

Organization	Utthunga Technologies Pvt Ltd (Client - ABB India)
Duration	April 2018 - Dec 2021
Environment	Asp.Net Core 3.1, .net 5.0, C#, MVC 5.0, App Services, Logic Apps, Function App, Storage Account, API Management, Key Vaults, Application Insights, App Registration, VM Scale Sets, Application Gateway, Power Shell, Azure devops , azure cli, ARM template, shell scripts, AKS, Azure Databricks, ML, Spark, s, Scala, C# Xamrian , XMAL, Andriod Lib, Firebase notification,Docker,ADFS, Jenkins
Responsibilities	- Responsible to get the application changes and enhancements by working with Designed POC and demonstrated using Azure infrastructure solutions for the Systems. - Design high level architecture to requirement and documented the same. - Define the Infrastructure, Deployment and Technical Design Development. - Escalate and mitigate risk management proposals - Created predict algorithm for the plant functional objects health. - Reviewed technical estimations and drive technical planning processes across engagements - Operationalized automation-based best practices for test, release, performance, system integration and deployments across the cross functional team. - Manage day-to-day deliverable by the team and provide technical & techno-business mentoring to the team - Tracking and monitoring of daily tasks for team's deliverable for projects. Documenting, Managing Requirements and Product guides and Manuals. - Coordinate and facilitate sprint/release planning meetings, daily stand-ups, reviews, retrospectives and demos. - Focus on resolving blockers to keep the team concentrated on the deliverable. - Ensures the team is clear on the requirements and priorities. - Set the correct level of expectations in terms of delivery plan, dates & scope with the client and development team. - Manage interactions/escalations and consult client on project delivery, process, technology as well as business needs. - Work with leads and management for recruitment and people development initiatives.

Project	OneDat – Chemical Industrial Automation – Honeywell	Duration	Feb 2021 to Dec 2021

Chemical industry for the product quality test machine analytics using legacy application in VB, VB.net standalone, webservices, windows and asp.net. These application into microservice architecture and cloud solution. Re-design and migrate legacy application into microservice.

Project	IIOT Message Notification - ABB	Duration	April 2020 – Feb 2021

ABB has 800xa Systems which connected to plants in isolated area. Requirement to notify service engineer analytics in his android mobile App.

Project	Edge IA Dashboard - ABB	Duration	Feb 2019 – April 2020

ABB has cloud platform Ability which has connected to IA-Edge solution. Customizable and widget-oriented UI for the edge application like data. Create and configure the widgets. View the in the customized widgets on dashboard.

Project	Plan Asset Management -ABB	Duration	April 2018 – Jan 2019

ABB has cloud platform Ability which has connected to IA-Edge solution. Customizable and widget-oriented UI for the edge application like data. Create and configure the widgets. View the in the customized widgets on dashboard.

Organization	VED Software Service Inc (Farmington Hills MI USA)
Duration	Sep 2015 - March 2018
Environment	C#, MVC5.0, WebAPI, Node.js Azure app services, jQuery, SQL Server data tools 2015, DQS, SQL Data profiler, SQL Server Migration Assistant (SSMA), Service Bus, Event hub, Azure App service, function code, Java, ECLIPSE, Apache, tomcat. Xamarin Android. Opentext
Responsibilities	• Interact with the stakeholders to gather business requirements. • Actively drive the solution architecture, technical design and development strategies for enterprise product implementation. • Participated in client technical discussions and review key architectural decisions across projects Engineering Practices. • Designed and plan Azure infrastructure solutions. • Data migration planned and executed data migration from oracle 10 i to Azure SQL • Operationalized automation-based best practices for test, release, performance, system integration and deployments across the cross functional team. • Reviewed technical estimations and drive technical planning processes across engagements • Develop POC (proof of concept) and demonstrate to end client. • Responsible for gathering the requirements by working the Product Analyst and preparing Work Break Structure and effort estimation. • Plan for the product development and product release process accordingly. • Responsible to provide Integrated Approach to complete the requirements. • Coordinate with architect team, put forwarded the design suggestion and ensured appropriate approvals are obtained prior to the development phase. • Database objects design (Tables, Stored Procedures, Functions, Constraints, etc.,). • Application Design (Layers, Classes, Modules, Models, etc.,) • Application Development with Coding and Support for the System Testing.

Project	MGCB Enterprise System: (CHIPS) Case Handling and Investigation Plan System – VSSI – MGCB (USA)	Duration	28 Months

Michigan Gaming Control Board (MGCB) has 30 legacy application. These application support MGCB industries like Casino, Millionaire party, and Horse Race. The CHIPS replace these applications into one enterprise system (CHIPS).

Organization	Tata Consultancy Service Pvt Ltd (TCS – INDIA)
Duration	Aug 2011 - Sep 2015

Environment	Microsoft .Net Framework 2.0, 3.0, 3.5 & 4.0, C#, ASP.NET, ADO.NET, Web Services, WCF, XML, MS-SQL Server 2005/2008 R2, MS Visual Studio 2005/2010/2013, JavaScript, AJAX, UML, Design Patterns, MS-Build, .NET Reflector, JIRA , Nunit, MVC5.0, WebAPI, jQuery, SQL Server 2008, TFS, RFID, C++.
Responsibilities	• Responsible for gathering the requirements by working the Product Owner/Business Analyst and preparing effort estimation. • Coordinate with the Product Marketing team for the priority of the requirement and plan the development and release process accordingly. • Prepared Feature Requirement Request documents based on the Business Requirement Document which was accepted by the Product Marketing Team. • Responsible to provide Integrated Approach to complete the requirements. • Coordinate with architect team, put forwarded the design suggestion and ensured appropriate approvals are obtained prior to the development phase. • Effectively handled production issues and ensured the fixes are given on time. • Conducted regular KT sessions to update and ensure all the members in the team are aware of the entire functionality of the product.

Project	Walmart Smart Inventory System - TCS – Zebra Technologies	Duration	36 months

Walmart wholesale retail on developing an RFID-based electronic product code, or EPC. The electronic code would allow businesses to track shipments and inventory automatically through a system of tags and sensors. Wal-Mart view RFID technology in their SMART system.

Project	ADS Self Service System (Chile -LUN)	Duration	10 months

The project is media and news Paper Company. System designed to publish and design Advertisement in the daily newspaper or magazines. User will upload images, PDF and advertisement content and schedule the date online to publish in the Newspaper.

Organization	VED Software Service Inc (Farmington Hills MI USA)
Duration	May 2010 to Aug 2011
Environment	C#, 4.0/3.5/2.0, ADO.Net, LINQ, XML, COM, SQL Server 2008, WPF (XAML), WCF, ASP.NET, AJAX,
Responsibilities	• Developed UI using WPF for building Application front-end components, created control template, data template, Custom controls, generic templates, and themes. • Used Multithreads in the application to handle multiple task like Data collector (write real time data to dB and draw the same on the UI) • Involved in the code review (peer review, walkthrough, inspection) and technical document reviews • Responsible to provide Integrated Approach to complete the requirements. • Coordinate with architect team, put forwarded the design suggestion and ensured appropriate approvals are obtained prior to the development phase. • Database objects design (Tables, Stored Procedures, Functions, Constraints, etc.,). • Application Design (Layers, Classes, Modules, Models, etc.,) • Application Development with Coding and Support for the System Testing.

Project	Endeavour Data scope digital control Unit (DCU)- Syncro	Duration	11 months

The Endeavour Data scope is WPF (UI) Application to view patient (ICU patient) various real time data analysis results like ECG, SPO2 gas, Respiration, heart rate, temperature. WPF for building Application front-end components, created control template, data template, Custom controls, generic templates, and themes.

Organization	SIEMENS Information Systems Pvt Ltd. (India R&D)
Duration	Dec 2005 to April 2010
Environment	C#, WPF (XAML), WCF, ASP.NET, ADO.Net, SQL AJAX, DICOM,
Responsibilities	- Played a major role in Architecture design and creating the Win Forms and Web Forms user interface (UI) using WPF, and ASP.NET. For the modules like Sample manger, Test result manager, LAS, Security manager, Localization manager etc.. - Used Multithreads in the application to handle multiple task like Data collector. - Involved in the code review (peer review, walkthrough, inspection) and technical document reviews - Design and Development of Patient management System user interface UI layer using ASP.NET AJAX pattern (XSLT/CSS and JavaScript). - Database objects design (Tables, Stored Procedures, Functions, Constraints, etc.,). - Application Design (Layers, Classes, Modules, Models, etc.,) - Application Development with Coding and Support for the System Testing.

Project	Universal Instrument Workstation (UIW) - Siemens Healthcare Diagnostics	Duration	12 months

The Universal Instrument Workstation is a product from Siemens Diagnostics Systems. This project to develop the common GUI for all the diagnostics instruments (28 Siemens diagnostics instruments for different tests like Blood, urine,).

Project	WORKFLOW DATA MANAGEMENT (RT Workflow)- Siemens Healthcare	Duration	36 months

The RT Workflow (also called as workflow and data manager) is a product from Siemens Oncology Care Systems. Central DICOM Archive and the Oncology Information System. (OIS). RT Workflow is Web Application.

P ERSONAL INTEREST

Cricket, Yoga, Table Tennis