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|  | Arun Vijayakumar(714) 417-4808 | E: arunvijay.t@hotmail.comCalifornia, CA- 94607**Microsoft Certified:** Azure Solutions Architect Expert.  |

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| **Professional Summary** |

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|  | * Over 9+ years of experience in Information Technology. Self-directed and motivated Azure Solution Architect / Senior Software Engineer/Cloud Design MS Architect experienced working effectively in a dynamic environment.
* Experience in Solution Design of Azure Cloud based Strategy planning for implementing OnPrem Apps to Migrate into Azure Cloud Platform.
* Experience in Cloud Solution Design of Windows Administration, Configuration Management, Continuous Integration, Continuous Deployment and Cloud Implementations.
* Hands on experience in Azure Development, worked on Azure web application, App services, Azure storage, Azure SQL Database, Virtual machines, Azure AD, Azure search, Service Message API and notification hub.
* Designed, configured and deployed Microsoft Azure for a multitude of applications utilizing the Azure stack (Including Compute, Web, Blobs, Resource Groups, Azure SQL, Cloud Services, and ARM), focusing on high - availability, fault tolerance, and auto-scaling.
* Experience in Solution Design of Azure Cloud Services (PaaS & IaaS ), Application Insights, Document DB, Internet of Things (IoT), Azure Monitoring, Key Vault, Visual Studio Online (VSO) and SQL Azure.
* Extensive involvement in Solutioning / Designing Azure Resource Manager Template and in designing custom build steps using PowerShell.
* Extract Transform and Load data from sources Systems to Azure Data Storage services using a combination of Azure Data factory, T-SQL, Spark SQL, and U-SQL Azure Data Lake Analytics. Data ingestion to one or more Azure **services (Azure Data Lake, Azure Storage, Azure SQL, Azure DW)**and processing the data in **Azure Databricks**
* Develop Spark applications using C# and spark SQL for data extraction, transformation, and aggregation from multiple file formats for analyzing and transforming the data uncover insight into the customer usage patterns
* Responsible for estimating the cluster size, monitoring, and troubleshooting of the Spark data bricks cluster
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| **Skills** |

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| * Azure Cloud Design and Development and Migration Experience.
* NET CORE, WebApi, REST API, Entity Framework Core
* Experience in Developing Microservices.
* Experience in Microsoft Azure Cloud Development.
* Experience in Docker Containers and Kubernetes
* NET Framework, WCF
* MVC, ASP.NET
* Kendo UI, Telerik Controls, Telerik Reports.
* HTML, CSS, Bootstrap.
* Experience in Azure Databricks and Data Factory.
* Experience in MS SQL and TSQL.
* Experience in developing SSRS and Crystal Reports
* Experience in using GIT and TFS 2019 source controls.
* Experience in Developing API for Domain Driven Design.
* Agile Development.
* Software development lifecycle expert.
* Experience in Development & Implementation of Laserfiche.
* Experience in a Setup of Azure and Git CI/CD Pipeline.
 | * Experience in TDD.
* Experience in Creating C4 Model for System Design & Architecture.
* Experience create Azure Machine learning Model using Azure ML Service.
* Experience in Azure Cosmos DB.
* Experience in Devops for developing automated CI/CD pipelines.

**TOOLS: -*** Swagger Documentation API, Postman API, IE Developer, Fiddler
* Experience in using Azure ML Studio.
* Experience in using JMeter, Dynatrace performance tools
* Visual studio 2019,2017, Visual Code & MS SQL Server 2016

 **DEV OPS TOOLS: -*** Git and GitHub – Source code management (Version Control System).
* Docker – Software Containerization Platform
* Kubernetes – Container Orchestration tool.

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| **Work History** |

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|  | LEAD Software Engineer / CLOUD DesinGN Architect *01/2018 to Current* **Berkshire Hathaway Home state Companies, State of CA | San Francisco** * Working on Strategy Planning on Cloud Design Architect moving from On-Prem to Cloud Based Solutions using Tools like Azure API,
* The Agency Service Center- ASC is a web-based customer facing portal, helps agents to enter policy holder information, submit, quote, issue a policy and the Internal Insurance System (IIS) - IIS serves as the heart of all systems.
* Lead the Development Team along with Technical Manager to Design, Develop the Online Customer Facing Audit portal.
* It comprises of several small size executables and SQL server databases and also Developed Audit Center Portal

**Responsibilities:*** Working with Product Owners and Business system Analyst to gather the functional points to define the user story and the task.
* Collaborate with Product Owners to define user stories and Acceptance Criteria.
* Lead and Guide the Agile Team to create and split the Development Task for User stories, Features.
* Creating System Design Diagram using C4Model.
* Translate and articulate complex business requirements into Technical Solutions.
* Involved in designing the Web portal using ASP.NET, MVC and HTML Template with Java Script and jQuery.
* Experience in developing the Web API Using Microservices architecture
* Experience in developing Generic API Gateway for Domain Driven Microservice Architecture.
* Hands on Experience in Docker and Containers and Kubernetes
* Designed different components using C#.NET CORE and N-Tier Architecture.
* Experience in using and Developing Azure Machine Learning Studio and webservice.
* Experience in POC containerization services such as Kubernetes and Docker.
* Used JavaScript for Client-side validations and server-side validations, utilized AJAX Control Toolkit library for fast, interactive and better UI
* Developed T-SQL Tables, Stored procedures, Views and Triggers for performing database operations on SQL Server 2016
* Tuning Web Application for improving performance
* Utilize GIT and TFS 2019 to develop and maintain code, including branching, merging and code builds
* Creating the unit test case documents for the module developed and enhanced
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|  | SOFTWARE DEVELOPER *02/2015 to 11/2018* **HTC Global Services Inc, State of CA | San Francisco** * The policy admin system named BRAVO was developed from the product received from a sister company Guard Insurance.
* The BRAVO application is designed to promote underwriting process across all BHHC entities.
* It comprises of several small size executables and SQL server databases SQL based architecture is used for billing, payments and collections Modules.
* **Responsibilities:**
* Working with Business Users and Business Analyst to gather the functional points of the application to develop and enhance the Worker Compensation Insurance System.
* Involved in designing the Web portal using ASP.NET , MVC and HTML Template with Java Script and Query.
* Developing complex business rules using C#.NET, HTML, AJAX, jQuery, JavaScript and CSS.
* Developed T-SQL Tables, Stored procedures, Views and Triggers for performing database operations on SQL Server 2012.
* Developing Web services like WCF, Web API, to program the business layer of the system.
* Developing Reports using Microsoft Crystal Reports 2013 and SSRS Reports 2013.
* Creating the unit test case documents for the module developed and enhanced.
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|  | Project Lead / .NET Developer *08/2012 to 02/2015* **L&T InfoTech Limited | Santa Ana, CA*** Involves in converting all Legacy Lotus notes application into Asp.Net and SharePoint 2010 technologies, analyzing of all legacy applications and developing and migrating into Microsoft Technology platform like Asp.Net and SharePoint Responsibilities:
* Development, Enhancement, Migration and Maintenance of IT systems using MS .NET technologies and SharePoint 2010.
* Designing and developing the .NET/SharePoint application using .NET 4.0/3.5 and SQL Server 2012/2008.
* Assist Team Lead/Project Manager in decomposing of user stories into tasks and estimating work to be completed in iteration.
* Developing complex business rules using C#.NET, HTML, AJAX, jQuery, JavaScript and CSS.
* Use .Net Migrator tool for the data migration from existing Lotus database to the existing system to Microsoft .Net Platform.
* Convert functional business requirements into technical system specifications.
* Reverse engineering the legacy business logic to understand and analyze business units to enhance and extend business rules for new product.
* Build a custom MS .Net Visual Web parts SharePoint solution; this also includes configuration, interfaces, forms & workflows.
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|  | Associate Consultant *01/2010 to 08/2012* **POLARIS Financial Technology Limited | Chennai, India** * Designed different components using C#.NET and N-Tier Architecture.
* Used JavaScript for Client-side validations and server-side validations, utilized AJAX Control Toolkit library for fast, interactive and better UI.
* Applied Master Pages, Themes and CSS for a consistent look and feel of Page design.
* Consumed Web Service (SOAP) Components for authenticating the user credentials.
* Developed user defined controls and custom controls.
* Developed T-SQL Tables, Stored procedures, Views and Triggers for performing database operations on SQL Server 2010.
* Implemented Report viewer to integrate the SSRS reports with the ASP.Net web forms.
* Creating Web service using WCF and generating proxy using SVCUtil Tool and VS 2010 Tool.
* Tuning Web Application for improving performance.
* Experience in DDA Web Application Compliance.
* Configured SharePoint Server 2010's Document Management functionality to store internal business documents Environment:
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|  | Software Engineer *06/2008 to 02/2010* **Swaas Inc | Chennai, TamilNadu*** Worked closely with software development and testing team members to design and develop robust solutions to meet client requirements for functionality, scalability and performance.
* Configured, installed and tuned Web-based systems for performance in Oracle databases.
* Installed and configured software applications and tested solutions for effectiveness.
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| **Education** |

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|  | Master of Computer Application *June/2008* **Anna University, Coimbatore**  |

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|  | Bachelor of Science | Computer Science *June/2005* **Bharathiyar University, Coimbatore**  |

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| **CERTIFICATIONS** |  Azure Solutions Architect Expert Issued By: Microsoft SAFe® 4 Practitioner Certification Issued By Scaled Agile.  |

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| **Accomplishments** |

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|  | * Received an award from Berkshire Hathaway Homestate companies
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