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| Arun Ramamurthy  <https://www.linkedin.com/in/arunramamurthy76> | 25 Foresters Drive  Wallington  SM6 9DE | Mobile: 07956 366234  E-mail: [arun\_ri@hotmail.com](mailto:arun_ri@hotmail.com) |
| **A highly motivated senior developer with an experience of 20+ years in Microsoft technologies looking for challenging assignments in the design, development and integration of software systems using Cloud technologies.** | | |

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| **Skill Set** | Over the past 20+ years I have gained experience and acquired competency in the following technologies and tools:   |  |  | | --- | --- | | **Cloud** |  | | .NET Core up to v6 | 7 years |  | | Azure - Orchestrator, Activity, Client functions,  Blob, Queue, Event Grid, Service Bus and Timer triggers | 5 years |  | | Azure Cloud Infrastructure automation using ARM templates | 2+ years |  | | Azure Devops CI/CD pipelines using YAML files | 3+ years |  | | AWS - (Batch, Lambda, EC2, S3, Redshift) | 1+ years |  | | Postgres 10 | 1+ years |  | | Azure Cosmos Db, Power BI, Azure Data Factory pipelines | 1+ years |  |  |  |  | | --- | --- | | **Software** |  | | .NET Framework, C#, Winforms | 14+ years |  | | MS SQL Server, Stored Procedures, UDF, SQL Profiler & Index Tuning | 12+ years |  | | MVC 4/5, JQuery, Web API, Entity Framework | 7+ years |  | | SOA, REST, WCF, Web and Windows Services | 8+ years |  | | TDD (XUNIT/NUNIT/Moq), BDD (SpecFlow) | 6+ years |  | | Angular, Typescript, SignalR, KendoUI, Knockout | 2+ years |  | | Multithreading and Parallel Programming | 10+ years |  | | Azure Devops, Jenkins, Powershell | 3+ years |  | | ASP.NET, AJAX | 8+ years |  | | IIS 6 & 7 | 8+ years |  | | SSIS, Service Broker | 2 years |  | | QPID, MSMQ, IBM MQ | 2 years |  | | XML / XSLT / XPATH | 8+ years |  | | Visual Basic 6.0 | 6 years |  | | Classic ASP, MTS, ADO, ActiveX, COM+ | 6 years |  | | HTML, DHTML, JavaScript, JSON, VBScript, CSS | 8+ years |  | |  | | | **Others** | | | * Agile (Scrum) and Waterfall development practices * Visual Studio (up to 2022), VS Code, Resharper, JetBrains Rider, JetBrains DataGrip | | | * Postman, Soap UI, Fiddler | | | * Git, Subversion * Control M job scheduler | | | * Windows 7/8/10, macOS 10 | | |
| **Experience** | **Technical Architect – AJ Gallagher Re (18 Dec 2024) till date – Permanent**  As a Technical Architect in the Enterprise Architecture team at AJ Gallagher Re, I am responsible for gaining complete oversight and providing technical designs and implementation for existing and new applications / solutions developed across the organization to support the Broking and Analytics pillars at Gallagher Re.  Technologies currently I am working on are:  C# .NET core, ASP.NET core API, Windows Services, Microsoft SQL server  Azure Cloud: SQL Server, Service Bus, Durable function orchestrations, App Services, Message Queues, Blob Storage, File Shares, ADF pipelines, Application Insights  **Senior Full Stack .NET Developer – AJ Gallagher Re (July 2022 till 17 Dec 2024) – Contract**  AJ Gallagher Re is a global reinsurance broking and advisory firm across the risk and capital spectrum. Vortex is the in-house catastrophe analysis tool that supports the catastrophe risk analyst’s key business functions for generating event loss tables and yearly loss tables for Earthquakes and Floods (globally)  The main technologies are C#, NET Core, Azure Durable Function Orchestrations, Azure Data Factory pipelines, Azure Service bus, Azure File Shares, SQL Server combined with an ASP.NET Core API layer. The front end is in angular 11.  Achievements:   * Led the team that migrated the Vortex application from Willis Towers Watson cloud to AJG Re cloud * Lead developer of the team that implemented the orchestration and integrations to produce the year loss tables for Middle East and North America countries (for floods) * Implemented key enhancements to produce event loss tables for EU countries (for earthquakes and floods) * Mentoring / Supporting / Pairing with junior team members in my team and bringing them up to speed to push the development forward.   **Senior .NET Developer – Deloitte - Ventures & Alliances (April 2021 till July 2022) – Contract**  Deloitte Ventures is an innovative Agile product development team that creates smart data driven products for a wide variety of its clients.  As a member of the consulting development team I worked on a new product called Trade Promotions Optimization for retail clients. This tool provides optimum trade promotion recommendations to retailers based on their desired business goals (Maximizing Gross Profit/Maximize Turnover etc.)  The main technologies are C# .NET Core 3.1, Azure, Durable Function Orchestrations, Cosmos Db, Python Functions and Angular 11  Achievements:   * Key member of the team that implemented the recommendation optimization orchestration functions and integrated it with the 3rd party Riverlogic optimization engine. * Implemented the reporting orchestration functions to trigger reporting output to the Power BI dashboards * Implemented generic cosmos db library for cosmos db CRUD operations * Mentoring / Supporting / Pairing with junior team members in my team and bringing them up to speed to push the development forward.   **Senior .NET Developer – Deloitte - Digital Tax Solutions (May 2019 till April 2021) – Contract**  I primarily worked on one of the client specific products called GTB (Global Trade Bureau) which is Deloitte's technology solution for customs declarations and payment of tariffs. Brexit was the main driver for creating this product as there was a lack of technology solutions to handle post brexit implications for customs declarations. Main Technologies used were C#.net core, Azure functions, Event Grid, Service Bus, Sql Server and Power BI  Achievements:   * Integrated existing Deloitte in-house systems for data capture (Enterprise List) and user configuration / permissions (Abstraction Layer) * Implemented the UCR Id generator function (which generates a unique container reference number across all clients, adhering to a specific format, prefix and an incremental number) * Implemented a set of Azure Functions to capture Event grid notifications from Enterprise List and Abstraction Layer and synchronize it to Sql Server database until its ready to be sent to Ricardo (which handles the customs declarations with HMRC gateway). This Sql server database is also the source for the Power BI dashboards for the clients.   **Senior .NET Developer – Deloitte - Ventures (Dec 2017 till April 2019) – Contract**  Deloitte Ventures is an innovative product development team that creates smart data driven products for a wide variety of its clients.  As a member of the Product Engineering Services development team, I worked on a product called MarkdownEDGE for retail clients. This highly configurable tool provides optimum markdown pricing recommendations to retailers thereby enabling them to clear stock for new lines.  The main technologies are AWS (Batch, Lambda, S3, Cloudfront, Redshift), .NET Core 2.1, C#, WebAPI, Angular 7, Postgres 10 & Entity Framework.  Achievements:   * Enhanced the product to provide a Sell Through Target feature. * Enhanced the product to enable cloning of scenarios so that users can create multiple scenarios quickly for comparison. * Key member of the team that implemented granular level pricing recommendations (by Location and channel) * Implemented Integration and performance tests using Postman   **Senior .NET Developer – Bank of Tokyo - Mitsubishi UFJ Securities (Nov 2015 till Dec 2017) – Contract**  Mitsubishi UFJ Securities International (MUSI) is the European hub of MUFG’s securities business.  As a member of the Corporate Technology development team, I worked on bespoke applications across middle office / back office teams. The main technologies were C#, MVC 4/5, Event Sourcing with SQL persistence, Angular, SignalR, Kendo / Telerik UI, Bootstrap, Knockout.js, JQuery, Entity Framework, Windows Services, IBM MQ, Control M Job Scheduler and SQL Server 2012.  Achievements:   * Enhanced the Trade Activity Reporting web application (TAR) which Is the primary tool for trade operations team and desk heads / supervisors. TAR captures late / cancel / amended trades globally for MUSI. These trades are placed on various trading systems such as Bloomberg / Murex / Fidessa. * Enhanced Business Approval Manager, which is a business critical tool used throughout the bank to seek, track and manage approvals for trading books / P&L signoffs / Limit breaches etc. * Enhanced Adjustment manager, which is used by the Product Control team to submit adjustments against trading books for P&L systems. * Enhanced Organisation Manager, which is the golden source of organisational data for books, departments, typologies, risk attributions and traders.   **Senior Automation Engineer – Barclays (Aug 2015 till Nov 2015) – Contract**  At barclays, I was a member of the global development team responsible for the engineering and handover to production of Barclays Internal Cloud and IaaS Automation portals. My role in the team was to enhance their Network and Firewall automation portals, using C# 4.0, MVC, jQuery, T-SQL, WebAPI Services, Entity Framework, XML and SQL Server 2012  Achievements:   * Implemented C# feeds which synchronized the network devices with centralized database by connecting to Infoblox API from different sources across the bank.   **Senior Developer - Equiniti (Feb 2015 till Aug 2015) – Contract**  Equiniti provides pensions admin, processing & payment services to its clients in the UK.  My role involved making key enhancements to their pension calculations and SMPI engine, which is developed using C# WCF services, MVC 4, Entity Framework, Aspose, XML, XSLT and SQL Server 2012 |
|  | **Senior Developer - J.P. Morgan Chase (Nov 2011 till Feb 2015) – Permanent**  Client Technology Services (CTS) creates & enhances tools enabling efficient management and reporting of incidents globally across the bank (~ 300k users). I worked on these tools and services (collectively known as Vulcan). These tools are written in C# and SQL Server 2012 and comprise primarily of Winforms and web (ASP.NET, MVC 4, Web API) applications. The team follows Agile (Scrum) development practices (Two week sprint cycles) and I was the Scrum Master.  Achievements:   * Enhanced the primary technician tool (‘Client response console’ - Winforms application – C# .net 3.5) to improve performance by caching frequently used data and moving service calls to background threads. * Lead developer for the high performance ‘Accept Next Ticket’ prioritization engine (self-hosted WCF service – C# .net 4.0) which assigns the highest priority ticket to a technician. * Enhanced the end user ticket logging application (‘the button’ – Winforms application C# .net 2.0) to integrate with self-help services to reduce ticket volumes by 30%. * Implemented RESTful services (WCF) and admin tools to enable users to choose callback slots in ‘the button’. * Enhanced Vulcan web application to rewrite administration functions using MVC / Web API for resolver team leads to configure technician consoles. * Improved Vulcan web application (ASP.NET, MVC) performance by moving resource intensive tasks out of IIS into scheduled tasks in a windows service. * Improved performance of the SQL job that imports firm wide user, organization and location hierarchy data into Vulcan by implementing SQL, schedule and index changes. Execution time was reduced from 10 hours to 3 hours. * Automated user story acceptance criteria using specflow. Also created smoke tests for post implementation validation.   **Senior Developer - Mortgage Brain (May 2008 - till Nov 2011) - Permanent**  Mortgage Brain provides integrated end to end mortgage products system for building societies, mortgage brokers and intermediaries via the mortgage brain suite of products.  **Analyst Programmer - Pearson Shared Services (Apr 2004 - May 2008) - Permanent** Pearson Shared Services provides core IT, customer service and distribution services to Pearson Education Ltd, Penguin UK and Financial Times (international media company listed in the FTSE 100)  **Analyst / Programmer - HBOS Equity Solutions (Feb 2001 - Apr 2004) - Permanent**  HBOS have their own Share and Option plan administration system - ***Planetarium*** - This enables them to provide onshore and offshore company share plan administration.  **Analyst / Programmer - Marlborough Stirling Group Plc. (Feb 2000 - Feb 2001) - Permanent**  Marlborough Stirling is a software development company which provides business solutions for the financial services industry. I worked as a web developer for Marlborough stirling group. |
| **Education** | ● Bachelors Degree in Electronics, 1994 - 1997, A.R.S.D College, Delhi University  ● Central Board of Secondary Education, 1991 - 1994, New Delhi (Equivalent to ‘A' Levels) |
| **Professional Strengths** | * Excellent spoken, written communication and interpersonal skills. * Team player within the team / organization, taking initiative and additional responsibility. * Willing to learn and adapt to new technologies. |
| **Interests** | Cricket, Badminton, Squash, Travelling and Music |
| **Nationality** | British Citizen |
| **References** | Will be available on request |