# Srinivasarao Allada

## Architect - Technology

* Around 14-years of experience in software industry, leading large-scale software system Delivery Management, Architecture, Design & Development and Change Management.
* Coordinate with end users, project management office and application development areas to determine the best solution to requests for services
* 7+ year experience as an Agile Practitioner. Thorough knowledge on agile principles (Release & Iteration Planning, Scrum, Sizing, Retrospectives).
* Strong Experience in Architecture design and implementation of Micro-services and DevOps using Azure IaaS and PaaS Apps, and other Cloud technologies. Full-stack and Web API development.
* n-tier web applications with .NET technologies using ASP.NET, Win Forms, VB.NET, ADO.NET,C#,MVC
* Expertise in client-side technologies Knockout, Aurelia, Angular
* Strong Understanding of .Net Framework and .Net Core.
* Domain expertise in developing Ecommerce, Payroll, Banking, eDiscovery applications.
* Experience in developing applications using Web Services, WCF(Windows Communication Foundation) and WebAPIs, Microservices
* Expertise in SQL Server
* Involved in complete SDLC (Software Development Lifecycle) including architecture, analysis, design, development, implementation, testing, documentation and maintenance of Client/Server and web based applications.
* Good knowledge & driving experience on DevOps model activities, Including Continuous Integration build/deployment automation, acceptance test automation and work collaboratively with Application Support & Operation Support teams.
* Project version tracking control using Visual SourceSafe, VSTFS (Visual Studio Team Foundation Server), GIT and SubVersion
* Unique skills and experience on designing, developing and coordinating globally integrated systems across many systems own by different physical companies across the globe.
* Delivering and implementing the project as per scheduled deadlines and extending post-implementation and maintenance support to the client. Conducting system study and coordinating with team members for System Design & Integration, Application Maintenance, etc. Proficient with quality error handling and performance enhancing code
* Deploy APIs to azure cloud and consuming.
* Creation of storage accounts cloud azure.
* Define cloud network architecture using Azure virtual networks, VPN and express route to establish connectivity between on premise and cloud
* Hands on knowledge on Kubernetes, Dockers
* Hands on knowledge on AWS
* Overall 5 years of experience at client places UK and Australia

## Core Competencies

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| * Software System Design (Domain Modeling, Component Design & API Designing) * Agile methodology- Sprint planning, Scrum management, Story decompositions, tracking and monitoring * Agile techniques like: User Stories, Continuous Integration, TDD, Continuous Integration, Automated Testing | * Enterprise Application Integration Architecture * IT Service Management * Estimation Techniques for Agile & Waterfall methodologies * Delivery Management and off-shore onsite co-ordination |

## Tools and Technologies

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| Cloud development | Azure PaaS & IaaS Development using .NET and PowerShell, Web Apps, AAD &OAuth2, Web API, Functions, Managed API, Service Bus, App Insights, Web Job |
| Data Science & DevOps | Azure Data Factory, Logic Apps, Event Hub, Azure DevOps |
| UX & Web Development Technologies | Aurelia, Knockout, .NET Core 2.0, KendoUI, ASP.NET MVC 6/5, Ajax, jQuery, Bootstrap CSS, .NET 4.5, WPF, MVVM, WCF |
| Programming Languages | C#, VB.net, JavaScript, XML. |
| Agile and Other Tools | Azure DevOps, JIRA, Bitbucket, GitHub, Confluence, Swagger |
| Database & Reporting Tools | Azure SQL, Elastic Pools, TSQL, SQL Server, SSIS, MySQL, Crystal Reports, MS Access |

## Project Responsibilities

* Define solution architecture, present to client technical teams and having reviews and finalize architecture.
* Document the detailed software technical specifications.
* Conduct Technology Audit for Software Systems developed by the company & validate technical compliance requirements
* Support pre-sales activities from Technology side working hand to hand with Delivery Heads.
* Code reviews, technical skill assessments of the development teams.
* Development and PoCs/Spikes
* Negotiate Technology Solutions with technical stakeholders. Finalize System Architecture, Integration Strategies come up with optimum solution from technical and economic aspects.
* Onsite and off-shore co-ordination.

## Organizational Responsibilities

* Mentor and coach tech leads and senior engineers
* Timely deliverables with quality
* Contribute to the development of the Software Engineering competency
* Support the sales team by providing required technical proposals and estimations
* Conduct training sessions and TechTalks

## Educational Qualifications

**Master of Computer Applications** (**MCA**) from Madurai Kamaraj University, India.

## Achievements & Certifications

* MCAD – MicrosoftCertified Application Developer
* Azure Solution Architect

## Projects Worked :

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| Project | PMI |
| Role | Architect – Technology |
| Duration | 3 months to till date |
| Domain | Trainings & Certifications |
| Technology | .net, C#, WCF, Web APIs, Micro Services, Azure, SQL Server |
| Project Description | PMI [Project Management Institute] is worldwide well-known institute for training and certifications in project management.  Designed new micro SOA layer architecture to integrate different applications, and api migration to Azure cloud services. |
| Roles & Responsibilities | System Design  API Design  Technical coordination with different stake holders  Effort estimations  Code reviews |

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| Project | Ipro - ADD |
| Role | Architect – Technology |
| Duration | 30 months |
| Domain | eDiscovery |
| Technology | .net, C#, WCF, Web APIs, Micro Services, Azure, Aurelia, SQL Server |
| Project Description | Ipro Enterprise and desktop are the products for the eDiscovery to process over 500 file types into review-ready formats, along with multiple options for data ingestion, gives you the power to meet litigation deadlines quickly and accurately.  The product is fully featuring document processing, review, reporting, off-line trial, advanced analytics, Data visualization.  We involved in migrating all the products to the latest .net, Aurelia from windows platform. Designed centralized service layer for all the common products. |
| Roles & Responsibilities | System Design  API Design  Technical coordination with off-shore and on-site stake holders  Effort estimations  Implementation of critical components  Code reviews |

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| Project | OptiFreight |
| Role | Associate Architect |
| Duration | 2 Year |
| Domain | Health |
| Technology | ASP.NET Web API, MS SQL Sever |
| Project Description | OptiFreight is the part of Cardinal Health, and they are using different applications to support each stream. It leads them to more development work for any changes, more maintenance and lack of the integration between the systems. Designed the centralized SOA framework to integrate all systems in one place. Decoupled all fronted systems from the Business layer to support heterogeneous platforms. |
| Roles & Responsibilities | System Design  API Design  Development  Onsite-Offshore co-ordination  Code reviews |

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| Project | Symphony |
| Role | Senior Tech Lead |
| Duration | 2 Years |
| Domain | POS |
| Technology | ASP.NET, WPF, MS SQL Sever |
| Project Description | Symphony is the POS product developed for mobile device, supports taking table orders, server banks, and customer self-check out. Previously this product only for desktop system, we designed and developed the same system by using existing services to support mobile platforms. |
| Roles & Responsibilities | Technology decision making  Design and development  Mentoring the Team |

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| Project | PestPac |
| Role | Tech Lead |
| Duration | 2 Years |
| Domain | Accounting |
| Technology | ASP.NET MVC, WCF, SQL Server |
| Project Description | They have multiple products to support various businesses from small scale to large scale. They had challenging task to convert their product to cross platform independent to improve their business. I provided centralized framework to support different devices with less effort. Now their products are supporting multiple devices across different platforms. This gives more value add on to their products and they able increase their customers. |
| Roles & Responsibilities | Technology decision making  Core development  Issue investigation  Off-shore and On-site co-ordination. |

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| Project | Trust and Thrift |
| Role | Tech Lead |
| Duration | 2 Years |
| Domain | Construction |
| Technology | ASP.NET MVC, Knockout, MS SQL Sever |
| Project Description | BECHTEL is among the most respected engineering, procurement, and construction companies in the world. TnT is the project which we have developed to automate the monthly pay role system across the world. This system collects the data from the all divisions around the world and integrate them in one place, manipulating data, check employee status, generating reports, archiving old data. It can be accessible on tablets, iPads and windows8. |
| Roles & Responsibilities | Technology decision making  Core development  Issue investigation  Support and Enhancements |

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| Project | WIM Process & Payments |
| Role | Associate Tech Lead |
| Duration | 2 Years |
| Domain | Banking |
| Technology | ASP.NET MVC, ASP.NET Web Forms, Winforms MS SQL Sever |
| Project Description | The Operation Processing Centre – Accounts Services & Reconciliation team currently handles roughly 800-1200 business exceptions daily existing accounts. The Commsee\_WIM process will contribute this program me by automating and standardizing exception process, providing greater traceability and transparency of transactions and exception processing, and improving ability to centrally monitor, distribute and report on operations. Maintenance, enhancements and adding new products into payment systems. |
| Roles & Responsibilities | Core development  Issue investigation  Mentor Senior/Junior Engineers  Off-shore, On-site co-ordination |

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| Project | FRRIDA (Financial Risk and Reconciliation System) |
| Role | Senior Software Engineer |
| Duration | 2.5 Years |
| Domain | Banking |
| Technology | ASP.NET Windows Forms, SQL Server |
| Project Description | Frrida was a regulatory project raised in order to satisfy the FSA that the Bank’s regulatory reporting to them reconciles with its financial accounts. It was a joint undertaking for CIT, Corporate Finance & Planning (CF&P) and Credit Systems. The principle under which Frrida is founded is embedded in the requirements of the Basel Accord. An essential requirement in the integration of Finance and Risk Data is that they should be supported by robust business processes, which the Bank must be able to clearly demonstrate, are operating effectively. Data integrity, especially when a diverse range of systems are in place, is a challenging exercise which can only be achieved by a structured reconciliation approach across multiple systems. The initial focus of FRR was to reconcile source system extracts, COG and BIR data against the general ledger. This approach was then extended to incorporate other components of the regulatory program including Pillar 3 and Sungard in order to comply fully. |
| Roles & Responsibilities | Design and development  Support and enhancements |