Vamshi Krishna Masiragani

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**PROFILE:** **Integration Architect | Cloud enthusiast**

* Over 16 years of experience in Integration architecture, design, development, implementation, testing, deployment and migration of the applications.
* Certified **AWS Solution Architect Associate 2020**
* Certified **Mulesoft certified Integration Architect 2020**
* Worked in Insurance, Marketplace, Retail, Logistics, Healthcare and Utilities domains.
* Expertise in Microservices, SOA, ESB and Infrastructure design (On prem/Cloud)
* Working knowledge in configuring and managing AWS (VPC/EC2/Lambda/S3/Route53/Cloud Formation/Cloud Trail/Cloud Watch/IAM), Docker, Kubernetes, Jenkins, Git
* Driven the engineering quality for Integration Layer right from the start of the program (foundation) till the successful ‘Go Live’ of the General Merchandising Online, TESCO.
* Demonstrated ability to work as an individual and as a team member.
* Worked as technical/functional expert for Retail and Insurance domains
* Extensive experience in interacting with leadership teams and project boards in delivering project modules.
* Expertise in implementing architecture solutions utilizing industry standard frameworks

**EDUCATION**

Bachelor of Engineering (Electrical & Electronics) in 2001 from SRTM University, Nanded, Maharashtra.

**SKILLS**

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| --- | --- |
| **Technology** | **Tools/Products** |
| Database & No SQL | MongoDB, Oracle 12g, DB2, SQL |
| Web technologies and languages | XML, JSON, XSLT, HTML, CSS, SOAP, WSDL |
| Integration tools | TIBCO BWCE, MuleSoft, TIBCO AMX Service Grid, Business Works, EMS, TIBCO Streambase, TIBCO Lifecycle Governance framework, Adapters (ADB, File), TIBCO Business Connect, TIBCO BWPM |
| Cloud | AWS (VPC - Subnets, NACL, Security groups, Router, VPC Peering, VPN configuration, EC2, Lambda, S3, Route53, Cloud Formation, Cloud Trail, Cloud Watch, IAM) |
| Source Control, Dev. Methodologies & tools | GIT, RTC, Clear Case, TFS, Waterfall, Agile, KANBAN, JIRA, TRELLO |
| API Management | APIgee, Layer 7, API Manager |
| Miscellaneous | ActiveMQ, SPLUNK, Service Now, Jenkins, Eclipse, SoapUI, Jira, Docker, Kubernetes, NGINX |

**EXPERIENCE CAPIOT**

Principal Consultant, July 2019 - May 2020

**ALLSTATE**

Associate Principal Consultant, June 2016 - June 2019

**TIBCO Software**

Senior Consultant, April 2016 – May 2016

**TESCO**

Technology Expert, July 2009 - April 2016

**SIEMENS**

Associate Consultant, July 2006 - May 2009

**SPORE (deputed at SI Pte ltd and Synapse, Singapore)**

Software Engineer, March 2003 - Jan 2006

**PROFESSIONAL EXPERIENCE**

**CAPIOT Software**

**Project: GATI - Partner Integration July 2019 - May 2020**

GATI was looking for implementing a solution that picks up the data from the ERP as it is being written (in real-time or near real-time) and pushes that data to the cloud. In addition to movement of data, GATI is also looking to modernize their IT by leveraging an open architecture which is highly scalable and is easy to operate. To achieve the distributed Kubernetes environment, and to execute the project, CAPIOT has put this together on the Omni Data platform

**Tools & Technologies**: Tibco BWCE, Mulesoft, AWS, Active MQ, Apache Camel, Docker, Kubernetes

**Role**: Technical Manager

**Responsibilities**:

* Worked as an architect involved in design, develop and management of the partners integration.
* Was involved in the design of AWS Cloud architecture - VPCs/Subnets/NACLs/Security Groups/EC2
* Ensure on time delivery of the deliverable’s which were agreed with the clients.
* Timely updates to clients, management of team, unblocking technical issues arising in the project and provide solutions.
* Worked on SOW creation and getting the on-time sign-offs from the clients and delivering on time.
* Timely updates on resource staffing and budget tracking for the project. Manage the team working from different locations.

**Allstate Solutions Private Limited**

**Project : ALLSTATE INDEPENDENT AGENTS** **July 2017 - June 2019**

**Description:**

The Allstate Independent Agents generate business for Allstate as well as a number of other insurance carriers. Allstate’s goal is to serve the AIAs and recapture the market share without competing with exclusive agents in rural markets. This application provides the ability to the independent agencies to enter their customer’s information (only one time), and then send the entered data to every carrier on their system. In return, each carrier returns a quoted premium to the agency.

**Tools & Technologies**: Tibco BW, Layer 7, Splunk, BW Process Monitor, EMS, TIBCO Administrator, Tibco Streambase

**Role**: Technical Manager

**Responsibilities:**

* Worked as Technical Manager, involved in build and manage cross functional global teams and successfully delivered projects in different states.
* Integration with Splunk for monitoring the transactions and also to analyse the data which helps Business getting new business, support teams proactively identifying the gaps and resolving them.
* Ensure on time delivery of the deliverables which were agreed with vendors and customers.
* Timely review of technical issues arising in the project and provides solutions.
* Incorporated real time event processing for agents.
* Coach product teams on road map development and prioritization of features based on KPI’s
* Managed the team offshore and onsite.

**Accomplishments**:

* Successfully onboarded 4 raters/vendors to 80% of the states in the US which resulted in huge business in a fiscal year.

**Project : ALLSTATE ROADSIDE SERVICES**  **June 2016 - June 2017**

**Description:**

Allstate has been a trusted name in dependable roadside assistance for more than 50 years. There are three service options for roadside help, from fixing a flat tire to getting a jump-start, it has options for the emergency help that customers need. Requests can be made by phone or through CSR. Rescue provider status can be tracked using innovative GPS tracking.

**Tools & Technologies**: APIgee, Tibco BW, Layer 7, Splunk, BW Process Monitor, EMS, TIBCO Administrator

**Role**: Technical Manager

**Responsibilities:**

* Worked as technical manager, involved in interactions with System Analysts/Delivery Managers for requirements, design and prioritization of the deliverables.
* Design and code reviews.
* Ensure on time delivery of the deliverables which were agreed by the customer and partners.
* Timely review of technical issues arising in the project and provides solutions.
* Managed the team offshore and onsite.

**Accomplishments**:

* Onboarded 11 partners in less than 5 months to Roadside API product, driving +4000 digitally initiated rescues in 2017 alone via this new channel.
* First team at Allstate to publicly launch external facing and partner consumed API’s.
* Introduced API Rescue Product, a set of micro services that enable partners to harness the ability to request roadside from connected vehicles, partner developed Mobile Applications and IOT devices.

**TESCO HSC Private Ltd**

**Project : GENERAL MERCHANDISE ONLINE July 2009 - April 2016**

**Description:**

Tesco.com is a leader in the online grocery marketplace and its IT organization needs to expand in increasing demand from the growing business. From IT ‘s standpoint, there are separate systems for each business i.e. Grocery, Wine, Direct, Extra etc and they are not able to meet the “One Tesco Online” objective. Hence, this is a plan to do a major restructuring of systems onto a single multichannel architecture, accompanied by the migration of legacy shops onto this new platform.

The key business plans as part of GMO are

* Market place – To get maximum number of sellers onboard including some international brands
* Customer, Commercial & Marketing - To deliver a unified shopping experience to customers online. To get the orders placed through multi channels like Web, Instore, Order by Phone and through kiosks.
* Customer experience - Create Simpler checkout experience via Single Page Checkout

**Responsibilities:**

**Tools & Technologies**: Tibco ActiveMatrix 2.3.1 Service grid, BW, EMS, Administrator, Oracle 10g.

**Role: Technology Expert (Feb 2014 – April 2016)**

* Interface with Product Owners/Delivery Managers purely from a technical expertise standpoint (in areas such as architecture/ design/analysis).
* Understand the business requirements of a project and develop solutions that meets business needs
* Play a role in resolving escalated technical issues/ challenges/ escalate appropriately.
* Review the code/design/ architecture to ensure quality of the solution provided.
* Ensure delivery to agreed customer requirements & technical benchmarks/SLAs
* Review and resolve any technical issues arising in the project
* Contribute to system architecture and architect; responsible for all aspects of design relevant to own area of expertise
* Managing the marketplace team and was successful in on boarding 250 sellers/suppliers for TESCO.
* Successfully tuned all the Marketplace related systems at program level.

**Role: Technical Lead (April 2012 – Jan 2014)**

* Providing the T-shirt estimate for Marketplace development, testing, infrastructure.
* Prepared/reviewed Technical Design and Functional documentation for majority of the interfaces.
* Acted as an interface between sellers and the Marketplace Seller integration managers from a technical/functional expertise standpoint
* Managed/Supported the complex integration system with over 450+ TIBCO based integrations including 100+ to the system outside the stack
* Architecting the solutions
* Defined technical checklists for design and coding
* Interacted with various work streams to understand and gather the interface requirements.
* Build, deploy and test the Interfaces.

**Role: Principal Software Engineer (December 2010 – March 2012)**

* Worked as the Technical Team Lead for UAT, NFT and PROD environments.
* Lead the UAT and NFT smoke testing team whose task is to do end to end testing for all the interfaces (over 450 interfaces integrating around 20 external systems)
* Anchored UAT and NFT activities like deployment and sanity testing.
* Provided application support for PROD, SIT, NFT and UAT environments.
* Coordinated with the Business, onshore and offshore teams.

**Role: Senior Software Engineer (July 2009 – November 2010)**

* Responsible for troubleshooting issues (environment, architecture and product related) and liaising with TIBCO support to help resolve critical blockers in time.
* Responsible for liaising with offshore/onsite teams on a daily basis and coordinate work successfully.
* Analysing infrastructure requirements and providing solutions to support deployments for different environments.
* Responsible for ensuring the overall health of environments.
* Involved in installation of TIBCO Active Matrix Suite on UAT and NFT environments.

**Siemens Information Systems Limited**

**Project :** SIEMENS - Health Services, USA **July 2006 - May 2009**

**Description:**

Siemens Medical Solutions - Health Services, USA has many hospitals as their customers. Based on the customer’s requirements, workflows are developed. The Soarian customers need assistance and support in customizing workflows to suit their care delivery process. There are two ways to build and deploy a workflow. One way is to build workflows from scratch at the customer’s site for each customer and the second way to build a library of “MODEL” workflows to allow for rapid customization and deployment at the customers site. The second way is obviously the preferred choice which is followed by Siemens MED HS as this saves build/deployment time to a large extent.

**Tools & Technologies**: TIBCO IProcess 10.5, Siemens Rules Engine, MS SQL Server.

**Role:** Senior Developer

**Responsibilities:**

* Analyse and understand the requirement specifications that come from MED HS.
* Build and unit test the workflows using existing Model workflows as a framework.
* Deploy the workflows in PROD for various customers.
* Built various business processes using TIBCO Iprocess components.
* Reviewed the Code and Test cases.
* Worked on various CR’s [Change Requests] for the existing procedures.
* Provided support for Production environments for different customers. Issue resolution and triage techniques.
* Flexibility to work during on call and address issues during odd hours and have handled high/ critical incidents and have resolved the incidents.
* Defined and adhered to SLA timelines and techniques while resolving incidents.
* Provided transition to team members.

**SPORE Mainframe Technologies Private Limited**

**Project : Fault Reporting & Management System (FRMS) Mar 2003 to Jan 2006**

**Description**:

SI Global Services is involved in development of software and hardware applications. This project has been

developed for the Housing and Development Board. Any problems related to Water, Electricity and Gas would be logged into this application, which would then be raised to the related Utilities Company. System has inbuilt rules defined, which decides the priority of the problems based on the customer problem description. A reference number would be generated once the call is logged into the system. Using the application, customer can track the complaint and know the status of the problem resolution.

**Tools & Technologies**: COBOL, JCL, VSAM, CICS, DB2

**Role:** Developer

**Responsibilities:**

* Developing, debugging and unit/integration testing.
* Generate various reports, back-ups and interface files
* Unit test plan and test cases.
* System test plan and system test cases.
* Coordination with the Team.