**Manoj Verma**

Email: [manojverma.05@gmail.com](mailto:manojverma.05@gmail.com)

Mobile: +91-8600900595

Experience Summary

I have 14+ years of experience in architecture, design, and development of integration projects using a variety of open-source and proprietary products suite.

Highlights:

* Extensive architecture, designing, & development experience in a variety of integration projects involving:
  + Enterprise Application Integration (EAI).
  + Business Process Management (BPM).
  + Business-to-Business (B2B), Business-to-Customer (B2C) integrations.
  + API Management:
    - SAG API Management
    - Google APIGEE platform.
* Cloud knowledge and experience:
  + Good understanding and exposure to Amazon Web Services (AWS).
  + Wide experience in on premise, hybrid, and iPaaS (cloud native) integrations.
* Micro Service Architecture (MSA):
  + Implemented integrations using Micro-service based architecture.
  + Containerize integration/services using Docker.
  + Good understanding and developed services using Spring Boot.
  + Continuous Integration and Deployment (CI/CD) using Jenkins.
* Internet Of Things:
  + Developed a number of industrial/commercial level prototypes in IoT space using Cumulocity IoT platform.
  + Good understanding, knowledge, and willingness to contribute in this space.
* Thorough experience and expertise in webMethods suit across different components and versions.
* Business and practice development activities involving response to proposals, lateral hiring, product evaluations, technical trainings.
* Experience in Agile-Scrum methodology supplemented by DevOps.

Job History

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| **Duration** | **Employer** | **Role** |
| Nov, 2005 to Sep, 2007 | Fujitsu Consulting Pvt. Ltd. | Software Engineer |
| Sep, 2007 to June, 2014 | STMicroelectronics Pvt. Ltd. | Technical/Team Lead |
| Since June, 2014 | Cognizant Technology Solutions | Sr. Integration Architect |

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| Education and Training | |
| **Year 2019** | Microservice Architecture using Spring Boot, including Docker, Pivotal Cloud Foundry. |
| **Year 2018-2019** | Training on SoftwareAG Cumulocity IoT platform. |
| **Year 2015-2016** | M.Tech. Software Engineering, BITS Pilani |
| **Year 2001-2005** | Bachelor of Engineering (Computer Science & Engineering),  M. D. U., Rohtak, India |
| **Sept, 20011** | SAP Warehouse Training |
| **Apr, 2012** | webMethods Integration & Architect workshops |

Certifications

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| **Oct,2006** | Sun Certified Java Programmer SCJP Version 1.4 |
| **Aug,2013** | Certified **PRINCE-2** Practitioner |

Technology/Engineering Skills

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| **Operating Systems** | Windows 10, HP UNIX , Red Hat Enterprise Linux |
| **Languages** | Java/J2EE, SQL/PLSQL, HTML |
| **Databases** | RDBMS: Oracle 11g/10g/9i, MySQL  NoSQL: AWS Dynamo DB |
| **Integration Development** | Software AG webMethods Suite [6.x, 7.x, 8.x, 9.x, 10.x]  Mulesoft |
| **API Management** | Google APIGEE  Software AG APIM |
| **Microservices** | Spring Boot  Docker |
| **Cloud** | Amazon Web Services  SoftwareAG iPaaS  Pivotal Cloud |
| **IoT & Analytics** | Cumulocity IoT platform  Python for device integration and communication  Apama for Real Time Analytics |
| **DevOps** | Jenkins, CrossVista, Subversion, Bit Bucket, JIRA, Maven |
| **Other Skills** | Project Planning & Management, Estimation, Team Handling, Technical Mentoring, Business Development (RFP/RFI), Agile Scrum. |

Projects

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| 1. **Service Delivery, Integration, & API Management** | |
| **Client** | Tele2 |
| **Duration** | Oct 2015 – Till Date |
| **Technology** | Software AG webMethods 6.5, 9.5, 9.9, 10.1 [Integration Server, Trading Network, Broker, Designer, BPM, Task, CAF], Adapters [Flat File, JDBC], MWS, CrossVista, Java/J2EE Web Application Development, Jenkins For Continuous Delivery. |
| **Project Abstract** | * Management and implementation of order provisioning processes (Network, Logistics, Billing) for Business, Wholesale, and Consumer segments. * Implementation of Continuous Integration & Delivery framework. * Development of Code Review & Other generic frameworks (Error Handling, Logging etc…) * webMethods migration (6.5 to 9.5, 9.9 to 10.1). * Business as Usual stories (4G, 3G, Fixed Telephony, Broadband, etc…) * Apigee proxy development as per standards and guidelines. * Apigee to SoftwareAG API Management stack migration. |
| **Role** | * Different Roles in Scrum (Technical Delivery Lead, Developer, Scrum Master, Product Owner (Interim)) * **Responsibilities:**   + Requirement analysis.   + Integration solution design.   + Development of interfaces/processes as per requirement and industry best practices.   + Validation, deployment, & Post Go Live support (L3). |

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| 1. **B2B RosettaNet & webMethods Migration** | |
| **Client** | GLOBALFOUNDRIES |
| **Duration** | Oct 2014 – Sept 2015 |
| **Technology** | Software AG webMethods 8.2 & 9.6 [Integration Server, Trading Network, Broker, Designer], Adapters [Flat File, JDBC], MWS, RosettaNet 2.0. Java 1.7 |
| **Project Abstract** | As part of GF business as usual activities, implemented various RosettaNet PIPs for different Trading Partners.   * 3A4: Request Purchase Order (Outbound) * 3A7: Notify of Purchase Order Update (Inbound) * 3B2: Advance Shipment Notification (Inbound) * 4D1: Notify of Material Release (Inbound) * 7B5: Notify of Manufacturing Work Order (Inbound)   This includes end-to-end steps for TP on-boarding. Development, Handshake testing and supporting tests until production deployment.  Other major assignments held:   * Migration of Manufacturing systems (SiView, PROMIS): Updated (100+) Java APIs and wrapper services to support new interfaces. * Migration of webMethods 8.2 to 9.6: Re-build/Re-engineered BPMs and migrated to 9.6. |
| **Role** | Individual contribution which involves handling everything from requirement till production deployment. Fulfilled following responsibilities:   * Requirement analysis. * Coordination with Partner for Handshake and end-to-end testing. * Integration solution design. * Technical General Design documentation. * Development of interfaces as per requirement and industry best practices. * Validation, deployment, & Post Go Live support (L3). |

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| 1. **Go To Market Program** | |
| **Client** | STMicroelectronics Pvt. Ltd. |
| **Duration** | Nov 2013 – June 2014 |
| **Technology** | Software AG webMethods 8.2.2 [Integration Server, Broker, Designer], SOAP over HTTP/S, SOAP UI, Adapters [SAP, Flat File, JDBC], MWS, CentraSite as registry for SOA governance, Mediator as PEP, Layer 7 policy manager |
| **Project Abstract** | GTM is a key program in ST, aimed to achieve following objectives:  • Strengthen effectiveness on Global Accounts coverage through better visibility.  • Free-up salesmen time for customer contact.  • Capture new accounts and design opportunity.  As part of this program there are three projects undertaken:  **CMDM:** Establish a Customer Master Repository which would be referred by a range of other applications/systems (ECC, WMS, CRM etc…) and eventually replace existing SAP-BP master data repository.  Informatica MDM Application has been chosen for this project.  **CRM:** Establish Salesforce (SAAS) as corporate CRM tool and  replace existing SAP-CRM solution.  **SOA:** Establish governance and guidelines for Web Service based integration, involving interaction across Internet, Intranet, & Extranet.  SAG Centrasite has been chosen for this project. |
| **Role** | Played the role of a project lead from integration side. Fulfilled following responsibilities:   * Requirement analysis. * Integration technical architecture involving various components from webMethods suite. * Technical General Design documentation. * Allocation of work to team and technical mentoring. * Designing and development of Design and Runtime policies in CentraSite for SOA governance. * Development of interfaces as per requirement and industry best practices. * Validation, deployment, & Post Go Live support (L3). |

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| 1. **SAP ERP Program** | |
| **Client** | STMicroelectronics Pvt. Ltd. |
| **Duration** | Jan 2010 – June 2014 |
| **Technology** | UNIX; webMethods 7.1, 8.2: Broker, Designer, XML, Web Services, Flat File, JDBC, BPM, MWS, SAP-BAPI, RFC, Idocs, HTTPS Web Services, SOAP UI, SAP Solution Manager. |
| **Project Abstract** | SAP-ERP is a key program in ST, aimed to achieve following objectives:   * ESICOM1 phase out. E1 is a legacy system and hosts several operation critical applications (Warehouse, Billing, etc…) * To create a solid base for the execution of SAP roadmap.   Following projects were undertaken as part of this program:   * Warehouse Stage-1,2, & 3, for BE, FE, & Distribution Centre * Order Screening & Customer Screening * Billing integration (Service Order, intra-company, inter-company, customer billing etc…) * Logistics Execution: Real time replication of inventory postings in ECC |
| **Role** | * Requirement analysis. * Integration technical architecture involving various components from webMethods suite. * Impact analysis, development, testing, deployment, & post go-live support (L3). * Designed & Implemented Error Handler framework to streamline error handling in all integration interfaces across domains on EAI platform. * Developed Java based BPM reporting utility. * Received Execution Excellence award from CIO. |

Other key projects/programs:

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| **Client** | **Project** | **Duration** |
| STMicroelectronics | webMethods Migration 7.1 to 8.2 | Feb, 2012 to Sep, 2012 |
| STMicroelectronics | B2B RN & EDI Implementation | Mar, 2011 to Apr, 2012 |
| STMicroelectronics | 2STARway: Java/J2EE application for B2B transaction monitoring | Nov, 2008 to Sep, 2009 |
| STMicroelectronics | Subcontractor Integrations (ASN, WIP, GOBM Shipment, Receipt) | Sep, 2007 to Dec 2010 |
| Polycom, USA | B2B (EDI) Support on webMethods 4.6/6.5 | Dec, 2006 to May 2007 |
| CenturyTel, USA | System Access Automation: Java/J2EE Struts, SAP, Tomcat | Oct, 2006 to Jan 2007 |

Proof Of Concepts/CoE/Practice Contributions:

* Developed a fully automated Continuous Integration & Delivery framework for webMethods and rolled it out for a number of clients/projects.
* Internet of Things (IoT): Developed a number of commercial/industrial level prototypes of different vertical solutions using SoftwareAG iPaaS Cumulocity IoT, webMethods.io Integration, and webMethods.io APIGateway platforms:
  + Smart metering
  + Precise farming
* Migration/Movement of a number of practice accelerators to cloud by creating a Docker image and deploying to public cloud i.e. AWS

Personal Details:

Date of Birth: 01-Feb-1984

Marital Status: Married

Hobbies: Reading & Swimming