



Promit Mukherjee

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Being an innovative, inquisitive and courageous person, I want to work with an organization where my technical skills suite and knowledge will have valuable contribution towards organizational and personal growth.

Professional Synopsis

- ✓ A total of **15+ years** of Experience in Software Design, Architecting, Consulting and Development.
- ✓ I am a Certified MuleSoft developer and Integration Architect– Cleared MCD L1, MCIA
- ✓ I am also TOGAF 9.2 Certified.
- ✓ I have around **3.5 years** in MuleSoft Technologies under Mule 4 comprising of Anypoint Designer, RAML, Exchange, Anypoint Studio, Runtime Manager – Cloudhub, API Manager.
- ✓ I have around **5 years** of experience in ODI 12c technologies.
- ✓ I have around **8 years** of design and development experience Oracle Fusion Middleware Products in 11g / 12c like SOA Suite, OSB 12c and around 1+ years on Eclipse SWT applications.
- ✓ A skilled communicator dexterous in maintaining interpersonal relationships with employees at all levels in an organization.

Academic Credentials

- ✓ Completed M. Tech (Comp Sc and Engg.) from Bharath University Chennai in 2008.
- ✓ Completed B.Tech (Comp Sc and Engg) from WBUT Kolkata in 2006.
- ✓ HSC from WBCHSE Kolkata in 2002.
- ✓ SSC from WBBSE Kolkata in 2000.

IT Skills

Languages : Mule 4 technologies, RAML, Oracle SOA Suite 11g / 12c, OSB, ODI 12c, Python, Java, Eclipse RCP / SWT.

Databases	: Oracle PL/SQL
Operating System	: Windows, Linux, Unix
Web Servers	: Weblogic 11g / 12c, Anypoint Runtime Manager
Other	: ODI Studio 12c, JDeveloper 11g / 12c, Anypoint Studio 7.x, Anypoint Platform, API Designer, Exchange, Runtime Manager- Cloudhub, API Manager, Jenkins Automation, Linux, Azure DevOps VSTS.

Accolades

- Received Key Contributor Award (**Inspire 2017**) from Insurance vertical as part of TIAA RnR in Cognizant in 2017.
- Received **Star of the Quarter** Award from WBIFMS Project in CMC Ltd in 2015.

Trainings & Seminars (Top To Bottom)

- Web Based Fresher Learning Program with Live Projects
- 6 months advanced learning program in SAP, ABAP R/3
- Personality development program for 3 months.
- Oracle SOA Suite Training.
- ODI 12c Training.
- Mulesoft Mule 4 Developer training and MCD L1 certification, MCIA
- TOGAF 9.2 Trained and Certified

Employment History (Top to Bottom)

- Rolta India Ltd (June 2008 – March 2011).
- Tech Mahindra Ltd (April 2011 – Oct 2012).
- KPIT Technologies Ltd (Oct 2012- Aug 2014).
- CMC Ltd + Tata Consultancy Services Ltd (Aug 2014 – Nov 2015).
- Cognizant (Nov 2015 – April 2021).
- Coforge Ltd (April 2021 – Till date)

Professional Experience

Project Title	: SFSCRM Discovery
Client	: SHELL International
Duration	: 18 months
Technology Used	: Mulesoft Mule 4.
Tools Used	: Anypoint Studio, RAML, Exchange, API Manager, Runtime Manager – Cloudhub, Anypoint MQ, Azure DevOps VSTS, Postman
Responsibilities	: My responsibilities include the following: <ul style="list-style-type: none"> - Get Requirements from client partners on Fleet solutions. - Co-ordinate with solution architect for designing the E2E flow. - Prepare design documents for the requirement in deciding the architecture to be followed. - Deciding on API-Led architecture on the need of Experience API, Process API and System API. - Adjudge on the various NFRs available for flow design. - Design the API Specs in RAML in designer and publishing to Exchange with all datatypes, security artifacts defined. - Implemented and configured Anypoint MQ using FiFo queues and developed Flows for bulk message processing from DLQ to Main queue.

- Work closely with Implementation team in Implementing the flows as per business requirement and mapping agreement between source and target.
- Co-ordinating with team on deployment strategies deciding on Worker and VCore sizing and specifying the Org specific properties.
- Implement JWT Token Validation and SLA Based Rate Limiting Policy to Experience APIs.
- Setting up CI/CD Pipelines in Azure DevOps for deployment to UAT.
- Actively working with testing team to close out on the testing in UAT for each release.
- Also actively working with Maintenance and support team in arranging Prod support KT to the team and co-ordinate on Production deployment.

Project Title : **SCOL Reports API**
Client : **SHELL International**
Duration : **9 Month**
Technology Used : MuleSoft Mule 4.
Tools Used : Anypoint Studio, RAML, Exchange, API Manager, Runtime Manager – Cloudhub, Anypoint MQ, Azure DevOps VSTS, Postman.
Responsibilities : My responsibilities include the following:

- Getting Requirements from client partners on Migration of legacy CRM applications to Shell Internal CRM solutions based on Microsoft Azure APIs.
- Frame design documents catering to the requirements devised and considering all the NFRs.
- Presenting design document in design forums and get sign-off for development commencement.
- Design APIs based on Experience Layer and System layer architecture in RAML using Anypoint design center implementing input / output argument datatypes, examples, security schemes, traits, etc.
- Publishing the APIs in Exchange and consuming them in Anypoint studio for further enrichment.
- I am the sole developer in the project responsible for implementing the logic in each API and deploying them to cloudhub based on Worker and VCore memory decided.
- Implemented JWT Validation and SLA Based Rate Limiting policy in experience layer.
- Unit tested the APIs using Postman in DEV.
- Working on setting up CI/CD framework using Azure DevOps VSTS Pipelines.

Project Title : **BASWARE Upgrade Celgene / BMS**
Client : **Bristol Myers Squibb Company**
Duration : **15 months**
Technology Used : ODI 12c, SQL, Mule
Tools Used : ODI Studio 12.2.1, WinSCP, Putty, Shell Script, SQL Developer, Anypoint Studio, RAML, API Manager, Postman, Runtime Manager - Cloudhub
Responsibilities : I was involved in Upgrading the BASWARE code from ODI 12.1.3 to ODI 12.2.1 version. Migrating the whole code base in R2 Environment, code comparison to find any gaps, thorough Unit Testing, and preparing gap analysis report. After Testing, code movement to SIT through auto-deployment mechanism through Jenkins CI Tool and Validating the deployment and sanity testing in the environment. Participation in business SIT Testing.
Also, during the course of this project, I am involved in implementing Batch Processing in Mulesoft wherein, I designed the APIs using RAML in Design Center

followed by publishing the API into Exchange and enriching it in Anypoint Studio by consuming it from Exchange in Simple Mule Flow putting in HTTP listeners for each event transforming the message to desired formats using simple DataWeave transformation and deploying it in Mule Runtime for troubleshooting and testing, embedded within Anypoint Studio. The Batch Processing was for the integration within Salesforce CRM and DB. Implemented Batch scope within flows wherein the flows were triggered using schedulers to poll records from SF and incrementally load data into DB using the Bulk Insert mechanism. Implemented robust fault handling mechanism to handle all sorts of system, runtime and Validation related faults. Was also actively involved in deployment of APIs in Runtime Manager / RTF based on the topology defined.

Project Title : **SMARTR Development - Celgene**
Client : **Celgene Corporation**
Duration : **17 months**
Technology Used : ODI 12c, SQL, Mule
Tools Used : ODI Studio 12.2.1, WinSCP, Putty, Shell Script, SQL Developer, Anypoint studio, Anypoint Platform artifacts.
Responsibilities : Is currently involved in Design and development of the mappings and packages for Integrating DB to DB Systems where loads participate as Initial Full Load and Incremental Loads henceforth. Conducting SIT Testing and Supporting SIT. Is also involved in documenting the SDS, UT documents and code checklist documents.

Project Title : **CONNECTME / COSTAR Development - Celgene**
Client : **Celgene Corporation**
Duration : **4 months**
Technology Used : ODI 12c, XSD, JSON
Tools Used : ODI Studio 12.2.1, SOAPUI, WinSCP, Putty, Shell Script, SQL Developer
Responsibilities : Was involved in Design and development of the mappings and packages for Integrating REST based web service and downloaded the JSON Response from the API and transmitted the data to target Oracle DB. Conducted SIT Testing and supported SIT finally moving the deliverables in Prod. Was also involved in documenting the SDS, UT documents and code checklist documents.

Project Title : **CDX Synthesis Integration - Celgene**
Client : **Celgene Corporation**
Duration : **3 months**
Technology Used : ODI 12c, PL/SQL
Tools Used : ODI Studio 12.2.1, SOAPUI, WinSCP, Putty, Shell Script, SQL Developer, ServiceNow, JIRA.
Responsibilities : Was involved in Design and development of the mappings and packages for Integrating Oracle MDM Pub DB tables with the target Veeva CRM SFDC application. There were customised KMs provided by Bristlecone for Upload / download of entities from Veeva. Conducted SIT Testing and supported. Was also involved in documenting the SDS, UT documents and code checklist documents. Estimated the efforts and logged hours in JIRA tool.

Project Title : **Chrysalis Development - Celgene**
Client : **Celgene Corporation**
Duration : **10 months**
Technology Used : ODI 12c, Python, Java, Jenkins

Tools Used : ODI Studio 12c, Oracle JDeveloper 11g / 12c, Jenkins UI, Eclipse, Weblogic 12c Server, SVN, GitHub

Responsibilities : Involved in designing and preparing data Flow sheet for development of ODI artefacts including Models, Topological aspects, design aspects including Mappings, Procedures, Packages, Scenarios, Load Plans. Conducted integrations between table to table, file to table, XML to table, JSON to Table, Invoking LP externally through ODI Web service and parsing the response using JSON with Python. Written shell script and invoked from ODI as a construct of ODI OSCommand. Did ODI Automated testing and deployment using Python (PyTest Module), Jenkins and ODI Job and scheduled the whole automation process in Jenkins referring repository as SVN. Also, involved in design discussions for migration to GitHub.

Project Title : **TIAA – CREF BPEL**

Client : **TIAA**

Duration : **23 months**

Technology Used : Oracle SOA BPEL 11g / 12c, ODI 12c

Tools Used : Oracle JDeveloper 11g / 12c, ODI Studio 12c, Weblogic 12c Server

Responsibilities : Involved in designing and preparing data Flow sheet for development of composites using Oracle BPEL and Mediators with various technology adapters like DB and Web Services and integrating it with Java Applications. Also, involved in developing interfaces and mappings in ODI Studio for various DB to DB data sync and passing on DB artefacts to files for various consumers of the Insurance Holders using specific KMs. Created Journalising Infrastructure based on Consistent set for Master Data Setup for customers who enrol newly to the Insurance system and other related master data loads. Created procedures using certain Option values for consuming Run time data and generating scenarios out of them and using them in Load Plans as per execution procedures defined.

Project Title : **WB IFMS**

Client : **Govt of WB, Dept of Finance**

Duration : **13 months**

Technology Used : Oracle SOA 11g Components and OSB

Tools Used : Oracle JDeveloper 11g, Weblogic 10.3.4 Server

Responsibilities : Involved in development of composites using Oracle BPEL and Mediators and various technology adapters like DB, File, FTP and Web Services and integrating it with Java Applications. Monitoring and mentoring team. Develop OSB Proxy and Business Services to communicate with BPEL Processes of various topology through the various available transports in OSB. Additionally, was involved in creating specific data stores and schemas in the topology layout for data structures like File, DB, XML in ODI Studio. Utilised these data stores in Mapping for loading data from the Flat Files to DB for COSA Bills and Contractor salary bills. These loaded data were further passed on to third party Web Services over HTTP / HTTPs protocols, using the SOAP Web Service Topology in ODI Studio. Created Journalizing infrastructure too for Master Data Load for the newly added employees in all departments so that the employee data is synced across departments for seamless management.

Project Title : **OTM Implementation**

Client : **Egytrans (Egypt)**

Duration : **15 months**

Technology Used : Oracle SOA 11g Components and ODI

Tools Used : Oracle JDeveloper 11g, Weblogic 10.3.4 Server, AIA PIP 3.1(Financial Integration Module), ODI Studio, UNIX shell, Testing, SVN, OTM 6.3.1, Oracle EBS 12.1.1

Responsibilities : Was involved in designing and developing customised BPEL Processes as per integration standards between EBS and OTM. Also, involved in preparing mapping documents of data elements as per XMAN Mapping reports for standard PIP Financial Integration Interfaces. Worked in configuration of Business Events from EBS and talking to GLog schema of OTM. Monitoring of TransmissionReports and TransmissionAcknowledgements from OTM. Also, involved in E2E Functional Testing and preparation of Test Scripts as per industry standards. Involved in syncing master data like Suppliers, Customer and Employees that are updated in EBS, with OTM through Journalizing Framework in ODI as Consistent Set CDC. Involved in design strategies for implementing this Journalizing Framework.

Project Title : **OTM Stabilization**

Client : GE Energy (US)

Duration : **4 month**

Technology Used : Oracle SOA 11g Components

Tools Used : Oracle JDeveloper 11g, Weblogic 10.3.4 Server

Responsibilities : Was involved in analyzing flow of BPEL Processes which were already designed and fine tuning the flow for better performance. Handled error conditions efficiently.

Project Title : **Field And Mobile Engineering (FaME) Programme**

Client : BT

Duration : **1.5 years.**

Technology Used : Oracle SOA and ODI 11g Components.

Tools Used : Oracle JDeveloper 11g, ODI Studio, OSB, BPEL, Weblogic 10.3 Server, Unix shell scripting, Testing, SVN, Hudson.

Responsibilities : Was involved in designing task flow analysis with persistence control in Database with Oracle SOA. TEA generates the xml data which has been put into database using DB adapters and using different interfaces. The interfaces are being built using BPEL process flows, technology adapters, OSB, and mediator services and sometimes human workflows. Designed Mappings and Implemented in ODI tables for interacting with external web services over HTTPs and publishing internal data as XML files which were further consumed and read by systems maintained by the Field engineers. Maintain version controlling with Tortoise SVN.

Project Title : **RoltaImager (Image Processing Product Development)**

Domain : **GIS (Geospatial Information System)**

Description : Rolta is market leader in GIS domain. RoltaImager is a GIS software for analyzing various Geospatial Information captured from various satellite sources. Geospatial data are specialized data/Images captured by satellite related to earth locations/variations/directions. RoltaImager has a capability to analyze these data and provide processed report.

Client : **Rolta India(Internal) and Indian Défense**

Duration : **2 Years**

Technology : Core JAVA/Eclipse RCP with Unix shell scripting.

Responsibility : Worked as a Developer cum Programmer and guide team members on issues. Involved in creation of installer using setup builder and incorporate license for the same.

Achievements : Designed and implemented various GUI related tasks
Resolved Various Performance related issues efficiently.
Designed and implemented generic Progress bar method which can

be consumed by any time-consuming operation to show progress of given operations.
Implemented Linear/Threshold/Logarithmic/Exponential/Gamma Enhancements, RGB Classifications etc and previews in Eclipse RCP Environment.

Personal Details:

Date of Birth : 10-10-1983.

Sex : Male

Language Known : English, Hindi , Bengali

Declaration

I hereby declare that the information furnished above is true to the best of my knowledge and I bear the responsibility for the correctness of the above-mentioned.

Place: Kolkata

Promit Mukherjee

Date: