**Sumit Mishra**

**Summary:**

* Around 14 years of experience in the field of software development out of which around 7 years worked as technical lead & cloud architect
* Worked in long running projects where his role was to define the technology landscape for the project, setting up reference implementations and POCs, controlling code quality, guiding and mentoring the development team.

**Education:**

* Bachelor of Technology in Electrical Engineering from Lucknow University, India in 1999

**Certifications:**

* AWS Certified Solutions Architect-Associate

**Technical Skills:**

**Architectural skills:** Rational Unified Process, UML, Object Oriented Design Methodologies, Design Patterns, Knowledge of SOA, Knowledge of Big Data, AWS

**Distributed programming:** J2EE (Servlets, JSP, EJB, JDBC, JSF, Struts, JDO, Spring, Spring Tool Suite Hibernate etc.), Web Services (JAX-RPC, RESTful, Spring-WS), WebLogic, WebSphere, Tomcat, JMS, XML (DOM/SAX), XSLT, XSD, WS-Security, Spring-Security, Guidewire, Spring-Batch, AngularJS, Junit, EasyMock. PowerMock, Cobertura, OpenAM, SAML2.0,Mule ESB,Spring Cloud(Eureka, Zuul, Ribbon, Hystrix,Config Server,Splunk), Pivotal Cloud Foundry,AWS

**Programming Languages:** Java, C, C+

**Databases:**  Oracle, Sybase, MS SQL Server, AS 400

**Tools:** Rational Rose, Star UML, Eclipse, PMD, Checkstyle, FindBugs, Hudson, Sonar, CruiseControl, Bitbucket

**Version Control Systems:** SVN, MS Visual Source Safe (VSS), Rational Clearcase

**Scripting Language:** Java Script, Shell Script (Linux)

**Experience:**

**May 2019 – till date Citigroup Inc**

 **Cloud Application Architect**

**Project- Citibank online**

Citigroup Inc. or Citi ([stylized](https://en.wikipedia.org/wiki/Style_%28visual_arts%29) as citi) is an American multinational [investment bank](https://en.wikipedia.org/wiki/Investment_banking) and [financial services](https://en.wikipedia.org/wiki/Financial_services) corporation headquartered in [New York City](https://en.wikipedia.org/wiki/New_York_City).

**Responsibilities:**

* Was responsible for architecting and designing migration effort of on-premise PCF based application to AWS Cloud
* Was responsible for setting technical landscape for the applications
* Was responsible for POC and setting up the reference architecture and involved in development of common components using various AWS services, spring cloud
* Was responsible for the setup of CI/CD pipeline.

**Environment:** Java, AWS, microservices,Spring Cloud,Spring boot, Netflix OSS ,Restful, SVN, bitbucket,Docker, PCF

**Oct 2017 – March 2019 Wells Fargo**

 **Cloud Application Architect**

**Project- Digital Trusted Data Source**

Wells Fargo & Company is an American international banking and financial services holding company headquartered in San Francisco, California, with "hubquarters" throughout the country.

**Responsibilities:**

* Was responsible for architecting and designing migration effort of on-premise application to AWS Cloud
* Was responsible for setting technical landscape for the applications
* Was responsible for POC and setting up the reference architecture using various AWS services, spring cloud
* Was responsible for the setup of CI/CD pipeline.

**Environment:** Java, AWS, microservices,Spring Cloud,Spring boot, Netflix OSS ,Restful, SVN, bitbucket,Docker, SOAP, Spring web service, Tomcat

**May 2016 – May 2017 Nationwide Insurance**

 **Technical Leader**

**Project- Claims Solution**

Nationwide Mutual Insurance Company & Affiliated Companies is a group of large U.S. insurance and financial services companies based in Columbus, OH

**Responsibilities:**

* Completed high and low level design for the Claim Center application.
* Explained the design to developers and worked with them for completing implementation.
* Write technical specifications.
* Maintain interface specifications for services: schemas, transformation specifications, sample XML messages.
* Maintain/coordinate environment plans and configurations.
* Implemented web services using JAX-WS, Spring, Java.
* Implemented Java batch modules using Spring batch.
* Implemented front-end module using guidewire.
* Used Service oriented architecture.
* Designed, Implemented and consumed restful web services.
* Worked in Agile Scrum methodology.
* Used Junit for unit testing.

**Environment:** Java, Guideware, Spring, Soap web Service, JAX-WS, Websphere.

**May 2014 – Dec 2015 Fifth Third Bank**

 **Technical Leader**

**Project: Investment Advisory**

Fifth Third Bank (5/3 Bank) is a U.S. regional banking corporation, headquartered in Cincinnati, Ohio at Fifth Third Center and is the principal subsidiary of holding company Fifth Third Bancorp. The company operates under an Ohio charter.

**Responsibilities:**

* Architectural review for existing application. Creating artifacts for architectural review with Client. Updating existing artifacts for architecture as per requirement.
* Configuring and maintaining tools to monitor code quality for projects.
* Continuous monitoring of the code to ensure the quality.
* Providing Technical support for the project delivery team and mentoring the team as required.
* Implemented both SOAP based and REST based web services using JAX-RS and JAX-WS.
* Developed modules for backend using spring and Hibernate.
* Developed front end using JSF as well developed front-end modules using JQuery and Spring MVC.
* Designed, Implemented and consume restful web services.
* Worked in Agile Scrum methodology.
* Implemented Bootstrap in front end.
* Used EasyMock, PowerMock, Junit for Unit testing.
* Used Cobertura for code coverage
* Used Javascript for UI development

**Environment:** Java, Spring, Hibernate, Soap/Restful Web Service, JAX-WS, JAX-RS, Jquery, JSF, Spring MVC, Websphere, XSLT, XSD, JDBC, Servlet, JAXB, JDBC, JSP, Servlet, Bootstrap, Javascript, Spring Tool Suite, Oracle.

**Nov 2012 – Apr 2014 GM (General Motors)**

 **Technical Leader**

**Project: DCT**

The purpose of this project is to migrate applications which are deployed across several data centers located all across the world to two data centers and if required upgrade the technology as per GM standard. The applications will be migrated in phased manner.

**Responsibilities:**

* Architectural review for existing application. Creating artifacts for architectural review with Client. Updating existing artifacts for architecture as per requirement.
* Configuring and maintaining tools to monitor code quality for projects.
* Continuous monitoring of the code to ensure the quality.
* Development of common components and reference implementations.
* Providing Technical support for the project delivery team and mentoring the team as required.
* Implemented SOAP based webservices
* Developed modules for backend using spring and Hibernate.
* Developed business layer using EJB3.0 as façade
* Written code for sending and receiving messages from queue
* Mentored junior team members.
* Used Junit for unit testing
* Used Shell Script for the ETL batches
* Used Javascript in UI.
* Implemented Single Sign on (SSO) using openAM and SAML2.0

**Environment:** Java, Spring, Hibernate, Soap/Restful Web Service, JAX-WS, JAX-RS, Jquery, JSF, Spring MVC, EJB 3.0, JMS, Weblogic, Shell Script, Javascript, Oracle, OpenAM, SAML2.0

**Jan 2012 – Oct 2012 Walt Disney World**

 **Lead Developer**

**Project: NGE**

This project involves developing a unique combination of experience, innovation, and business model advancements that will enhance the Disney Parks and Resorts experience to a new level. It will help the company offer enhanced guest experiences by providing new Park and Resorts features. They will be able to plan their visits extensively before arriving and can treasure their experiences after returning home.

**Responsibilities:**

* Development of common components and reference implementations.
* Collaborating with the Onsite architecture team to identify the technical and architectural requirements.
* Design review for each iteration.
* Defining the coding standards for the project.
* Configuring and maintaining the tools to monitor the code quality.
* Continuous monitoring of the code to ensure the quality.
* Implemented both SOAP based and REST based web services using JAX-RS and JAX-WS.
* Developed modules for the backend using spring and Hibernate/JPA.
* Used EasyMock, PowerMock, Junit for Unit testing.
* Used Cobertura for code coverage.

**Environment:** Java, Spring, Hibernate, Soap/Restful Web Service, JAX-WS, JAX-RS, Jquery, JSF, Spring MVC, Websphere, XSLT, JPA, Oracle.

**Jun 2011 – Dec 2011 General Motors**

 **Tech Lead**

**Project-GM-Extended Warranty**

GM intended to introduce divisionally-branded and internally-administered extended GM bumper-to-bumper limited new vehicle warranties for customer purchase through GM Dealers beginning Q4 2011 while leveraging the existing GM systems and business processes. This project allows GM to directly compete with other aftermarket EW Warranty plans that are sold after the OEM provided warranty expires. Customers can have the opportunity to purchase a GM-backed EW Warranty plan at the time of for their new GM vehicle.

**Responsibilities:**

* Development of common components and reference implementations.
* Collaborating with the Onsite architecture team to identify the technical and architectural requirements.
* Design review for each iteration.
* Defining the coding standards for the project.
* Configuring and maintaining the tools to monitor the code quality.
* Continuous monitoring of the code to ensure the quality.
* Defining team responsibility and assigning tasks to the team,Implemented both SOAP based and REST based web services using JAX-RS and JAX-WS.
* Developed modules for the backend using EJB.
* Developed front end using JSF.
* Used Junit for unit testing.

**Environment:** Java, Spring, Hibernate, Soap/Restful Web Service, JAX-WS, JAX-RS, Jquery, JSF, Spring MVC, EJB 3.0, JMS, Weblogic, Oracle.

**May 2009 – Apr 2011 WDW (Walt Disney World)**

 **Senior Developer**

**Project: PMSR**

The project is about providing a complete solution for the reservation management system for their resorts and parks for Disney. The project deals with sales/Fulfillment of Reservation. It also deals with housekeeping of resorts. The system also facilitates creating KTTW tickets. Application interacts with a number of external Interfaces using web service The System is developed using Web sphere, JDO, JSF, Web Service.

**Responsibilities:**

* Doing POC for technologies as required.
* Defining team responsibility and allocating tasks to team.
* Involved in doing code review to ensure the code quality of deliverables.
* Developed modules for backend using EJB, SOAP web services, Spring.
* Developed front end using JSF rich faces.
* Used Junit for unit testing.

**Environment:** Java, Spring, Hibernate, Soap Web Service, JAX-WS, JSF, Websphere, XSLT, JPA.

**Jan 2009 – May 2009 Alcatel Lucent**

 **Senior Developer**

**Project: Portal Migration**

Alcatel-Lucent is a global telecommunications solutions provider. They have an intranet website/portal running on Websphere Portal Server 5.1 which needs to be migrated to Websphere Portal Server 6.1. The migration task includes mainly Portlets from My Home Page, as well as Sales Portal Page and Master Data Management Pages, and web services.

**Responsibilities:**

* Responsible for replicating the portal structure and adding appropriate configuration changes for Websphere Portal Server 6.1
* Responsible for DOJO related changes for application

**Environment:** Java, Portlets, Websphere.

**Jul 2006 – Nov 2008 General Motors**

 **Offshore Coordinator**

**Project: Sales Workbench**

The GM Sales Workbench integration gives GM dealers the ability to access a Variety of GM sales tools, including the ability to configure and build Vehicles directly through GM's Global Connect portal, which replaced GM Dealer Connect.

**Responsibilities:**

* Responsibility of offshore coordinator for Sales Workbench Project. His work location was Detroit USA.
* Responsibility includes deployment of application, troubleshooting if any issue occurred, and coordination with the offshore team.
* Used Junit for unit testing
* Developed web service framework as well as configured JUnit, build script ,Cruise control for the project

**Environment:** Java, Struts 2.0, Soap Web Service, Weblogic, EJB, Oracle.

 **Senior Developer**

**Project: Global Connect**

Global Connect product is being developed alongside and as a part of the Retail Workbenches and Enablers (RWE) project. RWE is tasked with developing a global suite of applications to support General Motors (GM) Retailers in the process of ordering, selling and performing after-sales service on GM vehicles.

**Responsibilities:**

* Involved in low level design.
* Involved in implementation of modules.
* Involved in mentoring and helping junior members of the team.
* Involved in developing web service for the project as well as worked on LDAP configuration.

**Environment:** Java, Struts 2.0, Soap Web Service, Weblogic, EJB, Oracle.

**Project: GM Messenger**

Worked in GM Messenger project as a senior developer. GM Messenger is an internal communication system for GM to allow them to effectively publish information to all the dealers of General Motors in the whole world. There is a content creation application where GM employees login to create the content which they want to share with their dealers , then there is a distribution system which resolves the target audience for the content and delivers to a third system which displays the content in the form of inbox in a portal based application.

**Responsibilities:**

* Involved in design of modules.
* Involved in implementation of modules.
* Involved in helping and mentoring Junior team members.

**Environment:** Java, Struts 2.0, Soap Web Service, Weblogic, EJB.

**Mar 2005 – Jul 2006 Lloyds Pharmacy**

 **Developer**

**Project: Compass**

Compass application, a pharmacy management system developed for Lloyd Pharmacy, is intended to: maintain patient records; guide the pharmacist through the dispensing process to the selection of appropriate drugs/appliances; highlight any potential conflicts associated with selections; and manage requests for both stock replenishment (inventory management) and NHS remuneration (‘endorsing’). It will consist of a patient record repository; interfaces to the NHS, suppliers and Head Office applications; and pharmacy-based clients.

**Responsibilities:**

* Involved in low level design.
* Involved in implementation of modules.

**Environment:** Java, Struts 2.0, Soap Web Service, Weblogic, EJB.

**Jan 2004 – Feb 2005 Viserv**

 **Developer**

Worked in Viserv (Virtual Information Services) project as a Programmer. Virtual Information Services is an application service provider, hosting data of various non-profit organizations and churches. It maintains information of members along with information about their family and the organization (Associated Organization) in which they work.

**Responsibilities:**

* Low level design.
* Coding.
* Testing and bug fixing.

**Environment:** Java, Struts, Soap Web Service, Weblogic, EJB.

**Jun 2002 – Jan 2004 Ministry of Textiles**

 **Research Assistant**

**Project: Handicrafts Portal - 2**

This application was developed and designed in I.I.T. Delhi. Later on it was taken over by IIFT for maintenance and enhancement.

**Responsibilities:**

* Fix the defect and do the coding for the new module which comes as enhancement.

**Project: Handicrafts Portal - 1**

The Application was developed for the Ministry of Textiles. The portal was meant to create awareness about the Indian handicrafts. It was an attempt to provide an e-platform to all identified stakeholders so that they can interact with each other resulting in enhancement of their business interests. This Portal has several modules like Panorama, Image gallery to search for handicrafts products by location as well by crafts. This also had modules to facilitate online purchase for the craft if the user wanted to. The portal was developed using ASP.

**Environment:** IIS Server, ASP.