

# Sanjay Mishra

[msanjaymishra@gmail.com](mailto:msanjaymishra@gmail.com)

Mobile: +0091 9873543971

Seeking senior-level assignments in **Chief Architect/ Sr. Architect/ Senior Role** in a reputed organization. I have 19+ years of experience in the software industry and have played different roles e.g., Architect, Technical Project/Delivery Manager, lead roles, etc.

## SUMMARY

- Winning background & serving with stakeholders to build up an architecture framework that supports processes, strategies, and IT assets to reach an achieve business targets.
- I am an Oracle Certified Enterprise Architect having about 19+ years of experience (including 9+ years as an Architect) in [JAVA/ JEE] Software design and development.
- Strong expertise in creating guidelines and best practices for developing, selecting, and implementing information systems within an enterprise.
- Interacted with developers, project managers, and focus groups to minimize expenditure, avoid redundancy, and improve overall synergy within the organization.
- Strong understanding of the architectural concepts of Open-Source Architecture Framework, Technology Infrastructure Library, the best capacity of easy to adopt new technology and implement them.
- Strong knowledge of software, hardware, applications, networking, and system engineering.
- Excellent presentation, communication, and organizational skills.

## SKILLS

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<b>Operating System:</b>	Window Family (Server & Client), Linux (Red Hat, CentOS, Ubuntu), and UNIX.
<b>DBMS/RDBMS/NoSQL:</b>	Oracle, IBM DB2, MySQL, MS SQL, DynamoDB, Sybase.
<b>Programming Languages:</b>	Java 8+ and J2EE 5/6/7, C, C++, Python.
<b>Technologies:</b>	Microservices, Eureka, Kafka, Spring, Spring Boot, Redis, Zuul, CI/CD, Docker, Kubernetes, Struts, Hibernate, Node JS, AngularJS, JSF, AJAX, EJB 3,UML, XML, JAXP, JAXB, JDOM, LDAP, Web Services, SOA, SOAP, JavaScript, JQuery.
<b>Cloud Environment:</b>	AWS Cloud(Route53,S3,EC2, Lambda, RDS, DynamoDB Etc.), VMware based Cloud
<b>Web/Application Server:</b>	IBM Websphere 6.0/7.0, Web logic 8.1, Jboss 4.2/5.x/7, Nokia Active Server 2.1
<b>Portal Technology:</b>	JBoss Portal, Weblogic Portal, and Websphere Portal
<b>Software Tools:</b>	IBM Rational Application Developer, Eclipse, IntelliJ, VSS 6.0, CVS, SVN, ANT, Clear Case, Toad, NetBeans, IBM Rational Architect, TogetherJ, Visio, Junit, Jenkins, sonar, and Solr.
<b>Project Management:</b>	Project Estimation, Risk Management, Resource Management, and FP Calculation, Agile & Scrum methodology with TDD, BDD & EDD

## **Enterprise/Technical Architect**

- Ensured that technical architectures met performance and security requirements.
- Developed reusable components and subsystems for technical architecture.
- Developed architectural solutions based on business requirements.
- Developed and enforced best architecture practices.
- Delivered proposed work within timelines and quality specifications.
- Responded to technical queries from clients, management, and team members.

## **PROFESSIONAL CERTIFICATION & EDUCATION**

- Oracle Certified Java EE Enterprise Architect (Scored 95%)
- IBM Certified Professional for Java/J2ee (e-Business), New Delhi.
- Brain Bench Certificate in Java 2.0.
- Diploma in Software Management from Aptech Allahabad.
- MCA from SMU.
- B.Sc. (PCM) K A. Degree College, Allahabad.

### **CRIF Solution India Pvt. Ltd. Aug'22 to 28<sup>th</sup> March'23 (BANKING DOMAIN)**

Job Profile: Senior Software Architect - My role and responsibilities in this organization were providing technology and architectural solution for banking-based credit bureau products for smooth production and functional applications development, deployment, and migration activities from old monolithic legacy applications to Microservice Architecture.

### **Anatolia Cybermedia Technology Service Pvt. Ltd. Feb'18 to Aug'22**

Working with a generic application that can able to customize multi-business model which supports Hr-Payroll, e-Com, media and CRM domains, etc.

Main technology Java, Spring Boot, Microservice, Netflix, Eureka, Kafka and Zuul, Hibernate, MySQL Server, CI/CD, Docker, and other open-source technology were portable to deploy any web server/app server and any cloud (AWS) environment.

My role is a Technical Architect, designing applications, databases & deployment architecture with POC.

### **Sahara India -Dec'09 to Feb18 -(112 Months)**

Job Profile: Technical Manager - My role in this organization was providing technology and architectural solution for smooth production and functional applications development and deployment and migration.

### **Shoogloo -Nov'08 to Dec'09 -(13 Months) Subsidiary of Online Media Group (OMG) UK, Shoogloo Online Delhi**

Job Profile: Assistant Manager Technology- My role in this organization is providing technology and architectural solution to various domains specific projects like travel, finance, retail, mobile, and telecom, etc, managing and coordinating across location on-site teams and interacting with clients.

### **Infosys Bangalore -Sep.'07 to Nov'08 -(15 Months)**

Job Profile: Software Consultant (Role Solution Architect)-Design and developing application/e-com Solutions in Java/J2EE Technology for our client.

### **Motherson sumi Infotech & Design (MIND) Ltd. Noida -14th June 2005 to 31st Aug 2007 -(27 Months)**

Job Profile: Senior Software Engineer (Role Tech leader) -Requirement analysis and Design, providing technical assistance to the team including code review, test plan, performance optimization, and also own contributor, client communication and implementation, etc.

### **Ministry of Information & Broadcasting PAO [IRLA] -Jun 2003 to 19<sup>th</sup> Feb 2005 - (20 Months) (BANKING DOMAIN)**

Job Profile: Sr. Software Developer -Developing application web-based payroll System in Java/J2EE Technology.

## PROFESSIONAL EXPERIENCE AND PROJECTS

### CRIF Solution India Pvt. Ltd. (BANKING DOMAIN)

CRIF is a Credit Bureau, serving various apps to their clients, these applications are based on monolithic architecture.

**Technology used:** Java, AWS, Spring Boot, Angular, Web Service, Tomcat, Weblogic, Hibernate, Oracle DB.

**Microservice Stack:** API-Getaway Zuul, Netflix Ribbon, Eureka, Kafka, Zipkin, Prometheus, Micrometer and Docker, Kubernetes, CI\CD, Jenkins, GitHub with other open source technology.

My primary responsibility is to migrate monolithic to a Microservice architecture based on various methodologies and design strategies with best practices for achieving our goals.

### ANATOLIA CYBERMEDIA TECHNOLOGY SERVICE PVT. LTD.

Worked in Consulting Activities on Small & Start-ups company

Working with a generic application that can be able to customize multi-business model which supports Hr-Payroll, e-com, media and CRM domains, etc.

Main technology Java, AWS, Spring Boot, Webservice, Microservice, Netflix, Eureka, Kafka and Zuul, Hibernate, jython, Mysql Server, H2, Docker, Kubernetes, with other open source technology portable to deploy any web server/app server and any cloud environment (AWS).

My role is a Sr. Technical Architect, designing applications, databases & deployment architecture (functional & non-functional) with present industry standard best practices.

### Sahara India

My Role & Responsibilities include Project Management and Technical assistance to project teams. I am also responsible for creating Artefacts and designs for new and proposed projects

**Project:** Content Management System (MEDIA DOMAIN)

**Duration:** Development & enhancement mode.

**Platform:** Win 2003, Win XP, Linux, JBoss 7 with clustering, Java 6, Spring MVC, with Hibernate, ORM, MySQL, Server (cluster), Search, EH-Cache, Web Services, Maven 3.0, Jenkins, Solr, Sonar, LAMP. AWS: EC2, RDS, S3, Route53

**Team Size:** 25 Members

#### Specification:

This is a content management system. Applications have the flexibility to customize with any web application/e-commerce & portal application.

I have been involved in architecting, and integrating all functions of web applications into this project with an admin control panel with different authorization levels. Initially, the application worked non virtual environment first time migrated to VMware and last migration to AWS cloud (IAAS) for handling a high volume of traffic with a fail-safe environment.

I was also involved in client and third-party vendor communication from a technical perspective.

**Project:** Shopping portal (Q Shop) (e-COMMERCE DOMAIN)

**Duration:** 22 Months

**Platform:** AWS Cloud, CentOS 6 Linux, JBoss 7 with clustering, Java 7, angular js, spring, Spring MVC, Hibernate, ORM, MySQL, Server (cluster), Search, EH-Cache, Web Services, Maven 3.0, Jenkins, Solr, sonar, JAX-RS, and web service.

**Team Size:** 25 Members

#### Specification:

This is a Shopping portal that includes all aspects of an online shopping experience like displaying products, detailed product information shopping cart, ad targeting, Content Management, SEO Management, etc.

### Shoogloo Online

**Project:** Quick Apply (e-COMMERCE DOMAIN)

**Platform:** Win 2003, Win XP, Linux, JBoss 4.2 with clustering, Java 1.5, spring, Struts, with Hibernate ORM, MySql Server, Solar Search(Apache Lucen), EH-Cache, Web Services.

**Team Size:** 20 Members

**Specification:**

The main business objective of this project is retailing several goods and services online based on the region, when users select the UK then they can buy goods or services available in the UK region. We are planning to launch this portal in multilingual in 2nd phase.

Due to rich GUI and high data volume, performance, scalability, and maintainability with limited budget and resources are major points to design with competitive frameworks and data models.

We are reducing the cost of the proposed project by using open-source technology.

To improve performance, I designed this system by using Spring IOC & DI. The best part of using Hibernate the most effective full-text search is enabled by our system by using Hibernate Search. Although by using connection pooling and a primary level of hibernate caching, the number of hits and searches creates database overhead.

Instead of redundancy of searches, utilizing database resources, I implemented EH-Caching for caching similar searches on our application.

I implemented best practices to design this application for more flexibility and extensibility for prospects.

**Infosys Technologies Bangalore**

**Project:** Mera Sport (SPORTS MEDIA DOMAIN)

**Client:** sportzville Enterprise.

**Duration:** Sep 2007 to Nov 2008

**Platform:** Java 2.0(j2sdk 1.5) Struts 1.2, Hibernate 3.0, Spring 2.5 and Ajax, MySql 4.012, Jboss & Tomcat, JSR 168, portal.

**Team Size:** 15 Members + 10 Member across location

**Specification:**

**Project Details:** This project is made for communicating various sports activities as given below

**Score Finder:** In this section, members can add, update, browse, Amateur Score, and view five top score

**Game Finder:** In this section, members can find games in different scenarios.

**My Groups:** Create a group, find a group, and show the group under this section.

**My Buddies:** Only two options are available for finding a buddy and showing my buddy.

**Admin Preferences:** Used for Admin role's users for various purposes server setting, adding branding, configuring branding, browsing branding, and control panel (grant/revoke the privilege to the user and take metrics stat of the portal). Users can upload and play Audio & Video in their group.

**Roles & Responsibility:** As Tech Leader my primary task is to provide technical assistance to the Team like a mentor of the team including code review, test plan, performance activities like performance tuning to the Server and database optimization of the project, and also own contributor discussion with new requirement and implementation and architectural design with Technical Architect

**MotherSonSumi InfoTech & Design (MIND) Ltd. (Telecom & Payment)**

**Project:** ProjectDirecway Retail Services & ISP 14th June 2005 to 31st Aug 2007 (TELECOM DOMAIN)

**Client:** Hughes Escort Communication Ltd

**Platform:** Java/j2EE (EJB, JSP, Servlet), XML, DOM (Java Parser), web service (SOAP), IBM DB2 8.2, WebSphere 5.1, IIS Server

**Role:** Designing & Coding

**Duration:** 28 Months

**Team Size:** 10 Members

**Specification:**

There are Client Applications designed in VC++ to send HTTP requests to the IIS server, which redirects requests to WebSphere Application Server to process the request. The application is based on MVC architecture using Servlets as a 'Front Controller' for request processing and delegation for the next View page. The client sends HttpRequest containing the request-id for executing the specific command. Servlets based on the value of request-id carryout operation. For carrying out transactions like Internet card retrieval, EJBs components have

been developed to provide better transaction management. Stateless session beans are used to define business rules. Clients parse XML in HTTP Response from the server and interpret it through predefined XSLs.

**Project Details:** HECL Direcway offers - Internet Application Service (IAS) and Electronic Bill Payment (EBP) Services to its users. There are Direcway franchisees all over India connected to HECL through VSAT. Through IAS clients, the franchisee retrieves cards and facilitates users to register on the cards. After registration users can use Broadband Internet till the validity of the card and till the balance on the card expires. There may be different schemes under which a user can register itself. Through the EBP client, users can pay bills for PSPs registered with Direcway. Payment options can be either any instrument or cash. The server manages all these transactions and generates MIS reports for HECL through UMS - a web console. It also generates batch files for the daily transactions to be sent to PSP at the end of the day. The server schedules an automatic mail to every franchisee at the end of the day if there is any EBP transaction through its canter.

In the Technical aspect, we are using various technologies for both parts of this project. We are using NAS-CISCO PixFirewall 515E and Radius Server - Radiator 3.11/ Cisco ACR for authentication monitoring and billing for Direcway ISP.

**Roles & Responsibility:** Requirement analysis and Design, implementation providing technical assistance to the team including code review, test plan, performance activities like performance tuning of the project, and also own contributor client communication and implementation.

#### **Ministry of Information & Broadcasting PAO [IRLA]**

**ALPS Software** Jun 2003 to 19<sup>th</sup> Feb 2005 (20 months)

**Project:** Web based Payroll System (23rd 2003 June to 15th Nov2004) (**BANKING DOMAIN**)

**Client:** Ministry of Information & Broadcasting

**Platform:** J2EE Technology (with EJB), Struts1.1 framework, Oracle 9i, Weblogic 8.1

**Role:** Designing & Coding

**Duration:** Eighteen Months.

**Team Size:** 5 Members

**Specification:**

This is a web-based payroll system attached to the Prasarlekha site specially developed for IRLA staff. Staff can view and take a printout of their Pay slips, GPF statements, Leave accounts, Duplicate Form-16, Service Verification certificates, and other important reports through the Internet. Staff can also view their e-Service Book, which will contain all-important personal and official details of the serving Staff with their photographs.

**Roles & Responsibility:** -As a Sr. Programmer My Responsibilities are Analysing; Designing systems by using J2EE standard design patterns and selecting framework and architecture in compliance with the application.