

# Anup Kumar Singh

Architect – Java Backend

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## Profile Summary

Java Developer with 12+ years of experience, in design and development of integration solutions for SAP ERP, Cloud (AWS & GCP) and Experian CrossCore (ID verification solutions) in the role of Senior Consultant. Further providing architectural change, existing solution improvement, technical review across geography in the role of Associate Manager. Worked as a Technical Team Lead and Product Technical Architect in the role of Java Backend Architect.

## Experience Summary

- Experience in Customer handling, effort estimation, requirement analysis, conducting client demos and risk management
- Involved in architectural design decisions, high level and low-level design
- Worked as Lead technical reviewer and conducted multiple project reviews
- Proposed new ideas to client for technologies and existing solution improvement and got them implemented
- Worked with various clients across geography
- Good understanding of Fraud & ID domain - AO (Account Opening)
- Experience in designing Microservices
- Technically led and delivered multiple projects involving data integration solution using Experian CrossCore (ID verification), SAP ERP and Salesforce CRM cloud
- Experience in Application development and management
- Training and mentoring client (Experian) and internal team
- Build automated JMeter test scripts for different Experian Client partners to perform functional and integration testing
- Experience in designing solutions to connect SAP via SAP RFC, SNC, Message Logon and SSO.
- Understand ABAP programming and can debug the ABAP programs in SAP.
- Experience in implementing the SAP JCo RFC Server programming.
- 2 Years of Production (Application) support.
- Good exposure on Amazon Web Services (S3, SQS) and Google Cloud Platform (CDF, BQ, GCS, Dataproc, VM, etc)

## TECHNICAL SKILL SET:

|           |              |
|-----------|--------------|
| Languages | Java, Groovy |
|-----------|--------------|

|                   |   |
|-------------------|---|
| Server Technology | J2EE (JSP, Servlet, JDBC, Visual JSF, Struts 1.x, Spring AOP), SAP-ISU (BAPI, BDC, RFC), JCO 2 and 3, Spring Boot                               |
| Scripting         | JavaScript, Ajax, XML, Shell Script   |
| Web Server        | Apache Tomcat   |
| Database          | SQL Server 2005, Oracle Database, MySQL   |
| Cloud             | Salesforce.com (SOAP & BULK API using partner services), Amazon Web Services (S3, SQS), Google Cloud Platform (CDF, BQ, GCS, Dataproc, VM, etc) |
| ETL               | Oracle Data Integrator (SAP and Salesforce KM Development), CDAP (SAP & OData)  |
| Domain            | Fraud & ID, B2B Integrations, Utility (Water & Electricity)   |
| Build Tool        | Maven & Gradle  |
| Documenting Tool  | Jekyll, Prince & Jasper   |
| Testing Tools     | JUnit, Wiremock, Mockito, Postman, JMeter   |
| Additional Tool   | Docker, JIRA, Artifactory, Jenkins, Veracode, Sonar, Findbug  |

## WORK EXPERIENCE

- **CloudSufi India Pvt Ltd.**  
**Designation:** Architect – Java Backend Development  
**Duration:** 26<sup>th</sup> April 2021 – 30<sup>th</sup> June 2022
- **Bristlecone (Mahindra Group of Company)**  
**Designation:** Associate Manager (Technology & Integration)  
**Duration:** 17<sup>th</sup> September 2012 – 24<sup>th</sup> August 2020
- **Pacecom India Pvt. Ltd.**  
**Designation:** Software Developer  
**Duration:** 1<sup>st</sup> January 2012 – 8<sup>th</sup> June 2012
- **RIIT**  
**Designation:** Software Developer  
**Duration:** 7<sup>th</sup> July 2008 – 15<sup>th</sup> December 2011

## EDUCATIONAL QUALIFICATION

- GNIIT Course (NIIT) with 90% (2009)
- B.Sc. (IT) computer science (Kuvempu University) with 73.86 % (2009)
- Intermediate: Ranchi University with 71 % (2005).
- High School: I.C.S.E. Board with 61 % (2003)

## PROFESSIONAL EXPERIENCE

### Project 13: CDAP SAP Plugins

**Client:** Google

**Plugins:** Table Reader, OData, ODP, BW & SLT Replicator

**Environment:** Java 8, CDAP-API, Hadoop Job, Maven, Jackson, OkHttp and Wiremock

**Contributions:**

- Bug fix and enhancement on the existing plugins, i.e., SAP Table Reader.
- Leading the efforts in finalizing the phase wise design and feature requirement.
- Creating project timelines estimations.
- Worked with Principle Architects to design the technical design documents.
- Involved in development and mentoring.
- Involved in Customer calls and client trainings.

**Project 12: Experian CrossCore Configurable Mapper**

**Client:** Experian

**Environment:** Java 8, CrossCore-API, Standard Mapper Framework, Groovy, Maven, Jackson, Lombok, OkHttp, Rest API, Spring Boot and Docker

**Implementation Client Partners:** Global – TrustId, AimBrain.

**Contributions:**

- Leading the efforts in finalizing the phase wise design and feature requirement.
- Involved in POC development and presentation.
- Creating project timelines estimations.
- Involved in development and mentoring.
- Training client team.

**Project 11: Experian CrossCore Mappers**

**Client:** Experian

**Environment:** Java 8, CrossCore-API, Standard Mapper Framework, Groovy, Maven, Jackson, Lombok, OkHttp, Rest API and Docker

**Client Partners:** Global -- Biocatch, Ekata, Emailage, Daon, FraudNet, Acuant, Mitek

Regional -- ProveIDLINK (INDIA)

**Contributions:**

- Involved in finalizing the requirement and design phase.
- Creating project timelines estimations.
- Involved in proposing the integration and technology solutions.
- Involved in development and mentoring.
- Training Client development team.

**Project 10: Techcomm**

**Client:** Experian

**Environment:** Groovy, Gradle, Jekyll, Prince, Artifactory API, bamboo and shell scripting.

**Contributions:**

- Direct interaction with the client to analyze and freezing the requirements.
- Converting whole scripting process into gradle build automated process

**Project 9: Hosted Collector**

**Client:** Experian

**Environment:** Core Java, Gradle (earlier Maven), AWS (EC2, S3 & SQS) SDK, Spring Beans, Java Executor Framework, Jackson, Logback & Apache Tomcat.

**Contributions:**

- Maintenance and enhancements

**Project 8: DIFNI**

**Client:** Experian

**Environment:** Core Java, Groovy, Maven, AWS (SQS & S3).

**Contributions:**

- Design, development and proposing the new solution
- Converting the maven project to gradle

**Project 7: Oracle Data Integrator SAP CDC KM**

**Client:** Oracle Corporation

**Environment:** Core Java, SAP JCo 3, SAP IDoc 3, Oracle Data Integrator API.

**Contributions:**

- Design GUI like the OLTP view in SAP screen
- Make SAP RFC call to configure and extract the OLTP and transfer structure metadata and store it into the ODI model
- Design solution to generate dynamic SAP IDoc xml and send to SAP to receive the CDC data
- Designing SAP RFC server to receive the CDC data sent by SAP

**Project 6: Oracle Data Integrator Salesforce.com KM**

**Client:** Oracle Corporation

**Environment:** Core Java, Salesforce cloud (SOAP and Partner API), Oracle Data Integrator API.

**Contributions:**

- Analysis and design the integration solution to be achieved by the adapter.
- Develop a tree-based object listing metadata browser.
- Design LKM Salesforce.com to support operations like query, query all, get updated and get deleted data using SOAP API.
- Design IKM Salesforce.com to support operation like insert, update, upsert, delete, hard delete and undelete data using SOAP API.
- Design solutions to support both direct as well as CSV file load and upload of data.
- Design solution for Delta/incremental data load as well as upload.
- Involved in providing support to clients.

**Project 5: Oracle Data Integrator SAP KM**

**Client:** Oracle Corporation

**Environment:** Core Java, JCO 3, Oracle Data Integrator API.

**Contributions:**

- Re-design RKM with TreeModel.
- Design solution for LKM to support SAP background processing for both ERP and BW system.
- Design solution to support SAP Application logging for SAP ERP and BW system.
- Developing SAP SNC and Message logon support for both RKM and LKM.
- Involved in providing support to clients.

**Project 4: Bill Desk**

**Client:** JUSCO (Jamshedpur Utilities and Services Company Ltd.)

**Environment:** J2EE (Visual Web JSF, JDBC, JSP, Servlet), TOMCAT 6.0.18, SAP NETWEAVER, SAP-ISU (BAPI, JCO, RFC), Oracle 10g.

**Contributions:**

- Direct interaction with the client to analyze the requirements.
- Designing and development of tools for reports, data entries and collection transactions.

**Project 3: VIDUSHI**

**Client:** JUSCO (Jamshedpur Utilities and Services Company Ltd.)

**Environment:** J2EE (Visual Web JSF, JDBC, JSP, Servlet), TOMCAT 6.0.18, SAP NETWEAVER, SAP-ISU (BAPI, JCO, RFC), SQL Server 2005.

**Contributions:**

- Direct interaction with the client to analyze the requirements.

- Maintaining & Development of modules like Meter Reading module, Revenue Management module, Connection Management, Disconnection/Reconnection module and legacy system.
- Development of various billing reports.

## **Project 2: INTERFACE**

**Client:** JUSCO (Jamshedpur Utilities and Services Company Ltd.)

**Environment:** JAVA, JSP, Struts, Oracle 7/10g, JavaScript, AJAX, TOMCAT 6.0.18, SAP NETWEAVER, SAP-ISU (JCO, RFC).

### **Contributions:**

- Direct interaction with the client to analyze the requirements.
- Design & Development of INTERFACE.

## **Project 1: TRACKAPP**

**Client:** JUSCO (Jamshedpur Utilities and Services Company Ltd.)

**Environment:** JAVA, JSP, Struts, MS SQL Server 2005, JavaScript, AJAX, TOMCAT 6.0.18, Linux.

### **Contributions:**

- Direct interaction with the client to analyze and freezing the requirements.
- Integration of code unit in Vidushi Application.
- Designing and developing the various performance reports.
- Designing various time trail graphs.

## **ACHIVEMENTS**

- Received many accolades both verbal and written (Pat on Back, Improve Customer experience, etc.) awards.
- Received “Excellent Analytical & Technical Skill” Award for Agile PLM in the role of consultant.
- Awarded for completing Techcomm project alone and on time.
- Awarded “Creative Innovator” for building an accelerator tool to minimize mapper development time.
- Established very good working relationship with Client.