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###### Off ISRO Layout, Bangalore – 560078

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###### Sampath Gowda Cell: +91 – 9686333998

### **Profile**

* 15 plus years of IT industry experience encompassing a wide range of skill set (**Java 17, Spring boot, Oracle 11i, Postgres 13.4, Microsoft Azure, Unix, SQL, PL/SQL, HTML5, CSS**) roles and industry verticals which includes **12 plus years of onsite experience working in United States of America directly with clients.**
* **Extensive 15 years of experience in Telecom domain & last one year in Automotive Software Development (building the quality tool application for bus manufacturing plant for Mercedes- Benz).**
* Extensive experience working with telecom domain. (Expert in Telecom Billing).
* 7 plus years of JAVA with Spring boot experience in building the new micro services (mS) for Federal government project with AT&T in telecom domain. Quality tool for Mercedes- Benz buses in Automotive industry.
* **Automated the usage files, billing extract files etc validation using Java, Spring boot and web technologies like HTML5, Java script, CSS.**
* **5 years of strong ETL data integration, building Datamart and Datawarehouse in Telecom domain using Informatica PowerCenter9.1 & 9.6 Designer, Workflow Manager, Workflow Monitor, Source Analyzer, Transformation Developer, Mapping Designer, Task Developer and Workflow Designer.**
* Extensive experience in various active transformations in Informatica Power Center like Filter Transformation, Aggregator, Transformation, Joiner transformation, Rank Transformation, Router Transformation, Sorter Transformation, Source Qualifier, and Update Strategy Transformation.
* Developed the centralized database for data needed across the applications under IQ4BUS project in DTICI Organization.
* **After joining the project within 2 weeks application hit the performance issues, extensively worked on debugging the issue and fixed the performance.**
* Technical analysis of the application is performed and came up the suggestion and estimation to complete the task. Same has been accepted by the product owners and implemented the same.
* **Indexing, partition and logging functionality has been implemented for the application as part of application stabilization.**
* **Successfully migrated the on Prem applications to Azure Platform.**
* Upgraded the existing microservices from Java 8 to Java 17 to support the Kubernates version & fix the black duck issues for security.
* Developed the new microservice (SAP Integration) using spring boot to read the .csv files from external systems and load in to IQ4BUS postgres database.
* Refactored the code across the multiple microservices developed in Spring boot indirectly helped application performance.
* 4 years of extensive onsite experience in working directly with the client and getting an additional business proposal to organization.
* 12 years of IT industry experience in IBM India Pvt Ltd encompassing a wide range of skill set, roles and industry verticals.
* 2 plus years of IT industry Experience in IBM Corporation Pvt Ltd as a Technical Lead, Solution Architect in handling Federal Government program for building the new microservices using rest API.
* Good exposure to microservice Architecture, Spring Boot, Data JPA, Java 8 (lambda, Date API etc).
* Worked on multiple POC’s submission and got an approval. Implemented the same POC’s that helped the AT&T to reduce production tickets drastically.
* Good exposure to Java 8 technologies like Lambda, Date API, Concurrency API etc
* Exposure to Docker and Kubernetes commands to track the application status.
* Experience in developing the complex SQL queries in databases such as Oracle and PostgreSQL.
* Responsible for creating and maintaining architecture for Restful API using Spring boot.
* Good knowledge and experience on Spring data JPA to connect to database for various micro services.
* End to End support of application till the final roll out of the application.
* Extensive experience working with telecom domain. (Expert in Telecom Billing).
* Demonstrated excellent presentation and communication skills while conducting functional and technical training session.
* Worked in Development teams under various roles such as Designer, Developer and Group Leader.
* Extensive experience in working agile projects
* Extensive experience in various Passive transformations in Informatica Power Center like Expression Transformation, Sequence Generator, and Lookup Transformation.
* Extensive experience in supporting Informatica applications, data extraction, Transformation and Loading from heterogeneous sources using informatica Power Center
* Implemented Performance Tuning Techniques for ETL process such as finding bottlenecks in sources, targets, mappings, and sessions and have done Troubleshooting and Error Handling using various log files
* Solid knowledge on Star Schema, Snowflake Schema, FACT tables, Dimension tables.
* 2 plus years of Onsite experience in supporting the BSS applications and handling the production issues and Implementation of various Interfaces across Telecom Service providers.
* Completed 2 Major Data Migration projects with full life cycle implementation.
* Implementing Process improvements for Order Processing in AT&T’s billing and Middleware systems.
* 6 years of extensive experience in End to End testing in telecom domain.
* Developed the internal automation tool that helped in reducing the manual efforts and give good quality of results in short span of time.
* Developed the tool as part of the new program that will helps to get an overview of data loaded for current date. Client is very happy with the implementation and got an additional business to IBM.
* Extensive experience in end to end testing (Billing , Service assurance and Service Delivery) of telecom products like Managed Internet service, Virtual Private network , Voice over IP etc
* Extensive experience in preparing end to end test Plan, test cases, test reports and documentation of manual and automated tests.
* Extensive experience in conducting daily status call with team and client to provide latest on going things and blocking issues.
* Extensive experience in resolving blocking issue in all phase of testing (System testing, user testing) including production.
* Good experience in creating clear and actionable bug reports using tools.
* Experience in Reporting and prioritizing software bugs.
* Good Knowledge in **Testing Techniques** and **Methodology**.
* Sound knowledge of Software Test Life Cycle and Software Development Life Cycle.
* Good grasp of **SQL, UNIX and** PL/SQL.
* Solid exposure to Defect Tracking Tools – **Rational Clear quest and Defect Report Tracking Tool, Mercury Quality Center 11.0, Rally dev.**
* Performed the **Data Driven test** that deals with different sets of data.
* Developed and Tested applications developed using **JAVA, EJB,VB and ORACLE** based applications
* Conducted knowledge sharing sessions for the new joiners to the team.
* Extensively performed the Cluster lead, Team lead & Technical lead Roles and responsibilities.
* Good communication skills, interpersonal skills, self-motivated, quick learner and team player.

**Primary Skill:**

RDBMS: Oracle 9i ,Oracle 11g,Postgres 13.11

Data warehousing tool: Informatica 9.1 & Informatica 9.6

Languages: Oracle SQL, Java, EJB

O/S: Windows NT/2000, Windows XP, Windows7 & UNIX

Test Management Tool: IBM Test Management Tool, Rational Clear

Quest, DRTT (Defect Report and Tracking tool), Mercury Quality Center (QC), TMRS (Test Management and reporting system)

Development Tool Net Beans 8.0.Intellij 17.0.4 , Spring Tool Suite (STS 4)

Automation Tool: Quick Test Professional (QTP9.1)

Code Quality tool: SonarLint 8.3.0 , Black Duck

**Achievements:**

1. Multiple client and management appreciation.
2. Got appreciation from Business team for implementing the automation in federal Govt program.
3. SME (Subject Mater Expert) for End to End flow (Ordering, Provisioning and billing) for AT&T services like MIS, BVOIP and Migration services.
4. Executed many critical programs under AT&T like CPE resale from end to end to make sure that ordering, Provisioning and billing are working as expected. Since this has an direct impact of the AT&T revenue generation.
5. Got Best of IBM award for executing the end to end projects PB618,P9362 and P9A19.
6. Implemented automation tool to prevent the manual work that reduced the lot of data issue and able to deliver the quality of product on time to customer.
7. Handled the late entry projects and delivered then on time by planning them in short span of time using prior experience and expertise.

**Certification:**

1. **Oracle Certified Associate, Java SE 8 Programmer**
2. **Certified Software Tester (CSTE)**

### **Certified Software Test Manager (CSTM)**

1. **AIX Unix Certification**
2. **SQL certified and PL/SQL certification**
3. **Microsoft Certified: Azure Fundamentals (AZ-900)**

### **Education:**

* Master of Science (Information Technology)- 2007,Mysore University(KSOU), Karnataka, India
* B.Sc in Computer Science - 2003, Kuvempu University, Karnataka, India.

### Professional Experience

|  |  |  |
| --- | --- | --- |
| **Company Name** | **From** | **To** |
| Daimler Truck Innovation Center India (DTICI) | 07-Nov-2022 | Till Date |
| IBM Corporation (USA) | 16-Sep-2019 | 27-Oct-2022 |
| IBM India Pvt Ltd | 20-Nov-2007 | 15-Sep-2019 |

**Projects:**

Nov -2022 – Till Date, Daimler truck innovation center India Pvt Ltd, Solution Architect, Lead Developer, (IQ4BUS), Daimler ,Germany.

IQ4 BUS is a quality application Enables the Production team to follow through certain list of checkpoints specific to each vehicle by means of various configuration done by administrator in Master Data configuration application by Supervisors / Managers. There are two parts to this application first set is Master data and PDA Checkpoint Configuration Web Application used by Managers and Supervisors where they configure the check pint that needs to be evaluated for each model that includes the security, electric circuit, torquelevel etc and second part of the application is iPad application developed as Progressive Web App used by Production line operators(workers). Each operator will log in to application using specific BUS number and Operator. Application will display the checkpoint those are expected to be validated and respective status will be updated back to database. Once all the configured check point is validated and final status is updated. Application will make sure to generate the PDF that contains the history of the checkpoints validated with all other necessary details required for feature prospective and also as per the legal requirement of the country. After the PDF generation, data has been extracted from OLTP data base and sent to OLAP database for reporting prospective.

**Responsibilities:**

* Directly worked with product owners to understand the functionality needs to be implemented and check the existing functionality and document the design document along with sudo code.
* After joining the project with in 2 weeks application hit the performance issues, extensively worked on debugging the issue and fixed the performance.
* Technical analysis of the application is performed and came up the suggestion and estimation to complete the task. Same has been accepted by the product owners and implemented the same.
* Indexing, partition, JWT and logging functionality has been implemented for the application.
* Successfully migrated the on Prem applications to Azure Platform.
* Developed the new microservice (SAP Integration) using spring boot to read the .csv files from external systems and load in to IQ4BUS postgres database.
* Refactored the code across the multiple microservices developed in Spring boot indirectly helped application performance.
* Optimization of existing microservices, Java upgrade from 8 to 11, log optimization for cost optimization has been completed successfully.
* Implemented the standard software development process and handled the team of 20 members.
* Did the data profile in postgres and oracle data bases before implementing the architectural changes in the micro Services.
* Address the production issues that needs a fix and clear the production blocker.
* Developed the complex SQL query as part of the microservices development.
* Extensively used the spring boot annotation like @Restcontroller, @Autowired, @Get,Put, post,delete Mapping, @component, @Service , @Repository ,@Transactional ,@Transient ,@Id,@GeneratedValue etc.
* Implemented the SonarCube for code quality and Blackduck for security across the microservices.

Jan -2018 – Oct-2022, IBM India Pvt ltd, Solution Architect , Lead Developer , Billing Gateway (BGW),AT&T,USA. Solution Architect

BGW provides an automated gateway into the Universal Platform (the target Enterprise billing suite of applications) in support of the following functions: Billing/Hierarchy Account Creation, Contract/Plan Subscription, Account Management, and Order Load. BGW supports two main architectures: one flow is initiated by the EIS Workflow Manager, accessing the necessary data from GCP; the second flow is initiated by file feeds into BGW from multiple sources. BGW provides APIs to take in account/contract/order data from GCP or external systems in a standard format. It utilizes EUAM webservices to create/update UP Billing Accounts in the Customer Account Data Manager (CADM) database. The BGW functions are highly reusable.

**Responsibilities:**

* Directly worked with Business and e2e solution architect with AT&T to understand the functionality needs to be implemented and check the existing functionality. Suggest the best solution for the new functionality and identified the early requirement gap and it helped the federal government project to save the cost.
* Developed the new microservice(ServiceOrderCompletionNotice) to accept the customer details with billing information to make sure customer is billed accurately.
* Extensively worked on Java 8 technologies like Lambda, Date API, Concurrency API etc
* As a Solution Architect & Lead developer in team Coordinating between the onsite team and offshore team with the customer requirement. Taking the responsibility of the whole release projects conducting the status call with clients, Project Management and users providing the daily process of the project.
* Built the brand-new team on NS2020 program and made sure team can independently handle Fed Government services.
* Did the Data profile in Oracle and MySQL data base before implementing the architectural changes in the microServices.
* Implemented the new micro services (ServiceOrderCompletion) where it accepts the request from upstream application about the customer information, Service information, Location information and charges that needs to be billed and changes performed for the customer like move , add , change and disconnect services will be handled.
* Identified the e2e pain area and implemented the tool to reduce the manual efforts. The recent tool developed called EIS User Validation , this tool basically validate the usage for different Federal Government AT&T services like AVPN , BVOIP , ADI etc and make sure there is no data issues and all mandatory columns are populated along with business rules.
* Look over the critical production issues that needs a fix and clear the production blocker.
* Developed the complex SQL query as part of the microservices development.
* Extensively used the spring boot annotation like @Restcontroller, @Autowired, @Get,Put, post Mapping, @component, @Service , @Repository etc.
* Implemented the concurrency the API for handling the multithreads functionality.
* Implemented the microservices using Java 8 technology like Lambda expression and stream API’s

Jan -2014 – Dec-2017 , IBM India Pvt ltd, ETL Technical Lead , Lead Developer , Customer Account Data Manager (CADM),AT&T,USA. Business Analyst

CADM is receives the Customer information like address , location of service and others details from source system and stores in Data base after doing initial validation with different sources like service assembly and other systems.

Once data is stored in data base , CADM needs to send an data to downstream systems(VMMS,GCP,DW,CFM,BBGW and UB) for billing the customer on specific bill pull that is been supported from AT&T business.CADM stores data large number of data since AT&T is migrating all billers to universal platform.

**Responsibilities:**

* Responsible for Business meeting, conversion of business rules into technical specifications
* As a Business Analyst & ETL Lead developer in team Coordinating between the onsite team and off shore team with the customer requirement. Taking the responsibility of the whole release projects conducting the status call with clients, Project Management and users providing the daily process of the project.
* Conducting the knowledge session for the new joiners for AT&T project about the process and functionality flow.
* Conducting the session with in the team for new joiners to train the tool that we are using in the project to meet the requirement.
* Reviewing the HLD with SE’s(System Engineers) and provide necessary feedback to avoid the requirement gap in further life cycle.
* In addition to the above responsibilities working on development of critical requirement for current release.
* Look over the critical production issues that needs an fix and clear the production blocker.
* Following up on blocking issues with respective applications and make sure that it is been resolved.
* Collecting the status of each projects updating the management with the updated status and participating in the audit.
* Preparing the schedule reviewing the same with IBM Management, client (AT&T) and make sure that has been base lined after coordinating with across the project.
* Preparing the project risk document and getting signed off from management.
* Worked with various active transformations in Informatica Power Center like Filter Transformation, Aggregator Transformation, Joiner Transformation, Rank Transformation, Router Transformation, Sorter Transformation, Source Qualifier, and Update Strategy Transformation
* Extensively worked with various Passive transformations in Informatica Power Center like Expression Transformation, Sequence Generator, and Lookup Transformation
* Worked with Informatica Power Center client tools like Repository Manager, Designer, Workflow Manager and Workflow Monitor
* Worked with Source Analyzer, Transformation Developer and Mapping Designer
* Worked with Task Developer, Worklet Designer and Workflow Designer in the Workflow Manager

Jan -2012 –Dec-2013, IBM India Pvt ltd, Technical Lead & Lead Developer, BNCS ILT Conversion Tool (BICT),AT&T,USA.

BNCS ILT Conversion Tool (BICT) is developed to assist conversion of AVPN accounts billing & finance data from GBP billing suite to UP (Universal Platform). The current process has Performance & Throughput concerns, BICT will perform necessary data validations and apply business rules to assist current process to improve the throughput and conversion success rate.

BICT will identify failed validations including address validations, reporting data fallout that prevents successful conversion.

**Responsibilities:**

* Worked with Source Analyzer, Transformation Developer and Mapping Designer
* Worked with Task Developer, Worklet Designer and Workflow Designer in the Workflow Manager
* Responsible for extracting data from Oracle DB and Flat files
* Responsible for the Data Cleansing of Source Data using LTRIM,LAST DAY and RTRIM operations of the Expression Transformation
* Responsible for Performance in Informatica Power Center at the Target Level, Source level, Mapping Level, Session Level, and System Level
* Extensively worked with both Connected and Un-Connected Lookups.
* Extensively worked with Look up Caches like Static Cache, and Dynamic Cache to improve the performance of the lookup transformations
* Extensively worked with aggregate functions like Avg, Min, Max, First, Last in the Aggregator Transformation.
* Extensively used Normal Join, Full Outer Join, Detail Outer Join, and Master Outer Join in the Joiner Transformation
* Extensively worked with Incremental Loading using Parameter Files, Mapping Variables and Mapping Parameters
* Handled various loads like Daily Loads, Weekly Loads, Monthly Loads, and Quarterly Loads using Incremental Loading Technique
* Worked with Update strategy transformation using functions like DD\_INSERT, DD\_UPDATE, DD\_REJECT, and DD\_DELETE.

Nov -2009 –Dec-2011, IBM India Pvt ltd, Lead Developer , Global Computing Platform (GCP),AT&T,USA.

The feature in AT&T GCP (Global Computing Platform) builds the software code product by using The Informatica tool (whole package) which gathers the Legal, remit level entities from various customers, various region (within US & outside US) and its CCI (Common Customer Identifier) information's being processed and Consolidate multiple business rules and Integrate for the Billing systems uncommon to another tools and projects. It being performed by various “plugin stages,DS modulars,Infosphere parameter set” features of the tool which deals with large scale of AT&T service Legal & Remit level information to be subscribed for client.Suprior feature is to allocate every CCI (Common Customer Identifier) information with the US AT&T accounts & billing relationship, in just 1 target architecture platform in GCP which can only be achieved by this tool.

**Responsibilities:**

* Worked with various active transformations in Informatica Power Center like Filter Transformation, Aggregator Transformation, Joiner Transformation, Rank Transformation, Router Transformation, Sorter Transformation, Source Qualifier, and Update Strategy Transformation
* Extensively worked with various Passive transformations in Informatica Power Center like Expression Transformation, Sequence Generator, and Lookup Transformation
* Worked with Informatica Power Center client tools like Repository Manager, Designer, Workflow Manager and Workflow Monitor
* Worked with Source Analyzer, Transformation Developer and Mapping Designer
* Worked with Task Developer, Worklet Designer and Workflow Designer in the Workflow Manager
* Responsible for extracting data from Oracle DB and Flat files
* Responsible for the Data Cleansing of Source Data using LTRIM,LAST DAY and RTRIM operations of the Expression Transformation
* Responsible for Performance in Informatica Power Center at the Target Level, Source level, Mapping Level, Session Level, and System Level
* Extensively worked with both Connected and Un-Connected Lookups
* Extensively worked with Look up Caches like Static Cache, and Dynamic Cache to improve the performance of the lookup transformations
* Extensively used Normal Join, Full Outer Join, Detail Outer Join, and Master Outer Join in the Joiner Transformation
* Extensively worked with Incremental Loading using Parameter Files, Mapping Variables and Mapping Parameters

**Environment: Informatica Power Center 9.1, SQL , Flat Files, Oracle ,Toad & UNIX.**

Oct 06 – Oct-2009 date , IBM India Pvt ltd, Technical Lead, ESB to UP Migration,AT&T,USA.

*IST is solely responsible for billing all the AT&T services those are supported by Universal Platform. The primary mission of IST is to complete End-to-End (ETE) testing of applicable systems, Projects, and interfaces for AT&T Business Services (ABS). More specifically, IST performs ETE validation for the entire string of ABS business functions from order negotiation through booking. Through this , IST will protect AT&T’s corporate revenue and ensure IBM provides quality software to ABS end users in accordance with the terms and conditions defined by the AT&T Delivery Management (ADM).*

As a Technical Lead, Test Analyst is responsible for the following activities

* Prepared the migration activities steps in order to track the project.
* Extensively performed the Reviews with the Client and all the impacted application
* Prepared the Defect Sheet and retrospective document.
* Execution of the Test Cases and reporting the defects.
* Interacted with all the AT&T impacted application and get it the work done in the specified time frame.
* Logging and tracking all the test defects in Defect Report and Tracking too
* Supported User Acceptance testing(UAT) execution
* Preparing system Integration Test plan in IBM Test Management Tool in very short time.
* Preparing system Integration Test Cases in IBM Test Management Tool in very short time.
* Prepared Data Requirement Defect Sheet, retrospective document.
* Execution of the Test Cases and reporting the defects.
* Interacting with the on-Site Co-Coordinator and users, Understanding the issues and resolving it in a specified time frame.
* Logging and tracking all the test defects in Defect Report and Tracking tool that is Rational Clear Quest. Quality Center (QC).
* Preparing Test management Reporting system and Test Conditioning audits.
* Extensively performed the Reviews with the Client and all the impacted application
* Supporting User Acceptance testing(UAT) execution
* Extensively performed team lead activities by reporting status of weekly and daily of all the projects that are running in the current release.
* Worked on the blocking projects to get the issue resolved and deliver the project successfully on time.
* Guiding the other team members during the execution of the project and make sure that it will goes as per the schedule.
* Scheduling the training for newly joined team members and make sure that it will goes as per the schedule and completes successfully.
* Participating in the Crit/Sit to help my management to make sure that, the exact issues of all the projects that are running in the current release will be reaching the high management with out any gap.
* The training has been given to End to End project management and SQA team to under stand about Integrated System testing activities (IST).The document has been prepared for the same and circulated.
* Participated in Project management audit and document has been prepared as per the policy and standards.
* Development of Internal Automation tool’s, helps the team in reducing the manual work & helps in billing process.

Environment: MVS, Docviewer, UNIX, JSP, Java and oracle11g

**Major Projects Executed.**

* 190403s:Technical Lead,E2E,UAT & Production Support
* 260436:Technical Lead, E2E,UAT & Production support.
* 253604: Technical Lead, E2E,UAT & Production support.
* 258309: Technical Lead, E2E,UAT & Production support.
* 223121a: Lead Developer,E2E,UAT & Production Support
* 228154a: Lead Developer,E2E,UAT & Production Support
* 232350:ETL Developer ,E2E & UAT Support
* 235050: ETL Developer ,E2E & UAT Support
* 236963c: ETL Developer ,E2E & UAT Support
* 241801d: ETL Developer ,E2E & UAT Support
* 245064: ETL Developer ,E2E & UAT Support
* 247200a: ETL Developer ,E2E & UAT Support
* 255248: ETL Developer
* 258143a: ETL Developer
* 213967,a,21397b- Technical Lead, System Engineer, UAT Support
* 241801- Lead, System Engineer, UAT Support
* 246212- Lead, System Engineer, UAT Support
* 185108n- Technical Lead, System Engineer, UAT Support
* PA3A83 – Technical Lead, System Engineer, UAT Support
* P9363 – System Engineer, UAT Support, System Analysis.
* 240225 – Senior Test Analyst, UAT Support, test case execution.
* 185108g– Senior Test Analyst, UAT Support, test case execution.
* 213967A – Test Analyst, UAT Support, test case execution.
* 213967b– Tester
* P2A14 – Test Case design
* PA770 - UAT Support.

**Training:**

* CMMI
* Informatica
* CSTE(Certified Software tester)
* CSTM(Certified Software Test Manager)
* AIX UNIX
* SQL-PL/SQL

1. Project Estimation
2. Test Management Tool (TMT)
3. Rational Clear quest & Mercury Quality center.
4. Quick Test Professional 11.0 (QTP)