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| epam-logo-3x.png | EPAM Systems, Inc. 41 University Drive, Suite 202 Newtown, PA 18940 267 759 9000 Phone 267 759 8989 Fax www.epam.com |

**Sampath Gowda – Solution Architect I**

Summary

* 16 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) and industry verticals which includes 13 plus years of onsite experience working in United States of America directly with clients
* Last 5 Years working as Solution Architect for Telecom and Automative Domain for building the new applications
* Extensively designed & developed the new micro-services for Daimler Buses Plant for Germany using PostgreSql, Spring Boot , Java 17 & Azure
* Extensively worked on BSS telecom domain on world largest telecom provider (AT&T) in client location . Where I designed and developed multiple micro services
* Successfully migrated the on Prem applications to Azure Platform
* Provided technical guidance to customers during pre-sales process to identify best practices in utilizing Microsoft's Cloud Platform offerings and features that fit their business needs
* Extensively bough team under one umbrella to discuss different micro services issues and address the same
* Created the AKS, File System, BLOB ,PostgreSQL services to deploy the microservices to Azure Platform
* Created the Azure pipe line for CI/CD deployment for microservice
* Optimized existing systems and applications by leveraging modern software development techniques
* Worked closely with business stakeholders to understand their needs and translate them into technical specifications
* Extensively worked on application performance improvement on Database side by SQL query optimization, Indexing and Partition, Java code optimization by converting the existing codes to streams, fixing the memory leak after analysis of Java Heap dump using VisualVM
* During the resource crunch worked on implementing the multiple user story implementation to meet the customer needs in plant along with java upgrade to Java 17

Skills

**Engineering Practices**

* **Advanced Technology:** Solution Architecture

**Industries**

* **Technology, Media & Telecoms:** Business Support Systems (BSS)

**Leadership & Soft Skills**

* **Leadership:** Mentoring

**Technologies**

* **Platforms:** Azure DevOps
* **Framework:** Spring Boot, Apache Maven
* **Data:** Databases, Informatica PowerCenter, PostgreSQL
* **Web/Application Server:** Apache Tomcat
* **Computer Language:** Java, Oracle PL/SQL, Java 8
* **Solution:** Postman, drawio, Oracle SQL\*Plus
* **Operating System:** Unix
* **IDE:** Toad for Oracle, IntelliJ IDEA
* **Platform:** Microsoft Azure

Work experience

**May-2024- Till date** - Solution Architect, EPAM System India Pvt Ltd

Java Practice: Currently supporting the practise activities like new proposal input , design new system , skill reviews .

**Nov-2022 - May-2024** - Solution Architect, Daimler Truck Innovation Center India

**Customer:** Daimler truck is a subsidiary of Mercedes Benz organization ,Where we are building the product for Benz bus production plat called IQ4 BUS.It 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

**Project Description:** 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

**Team Size:** Dev-08

DevOps-2

Test-02

Solution Architect -1

Business Analyst -1

**Project Roles:** Solution Architect

**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
* Designed the new micro service (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 micro services, 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 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 micro services 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 micro services

**Tools and Technologies:** PostgreSQL, IntelliJ IDEA, Jira, Postman, Microsoft Excel, Apache Maven, Unix, PL/pgSQL, PostgreSQL, Microsoft Azure, Spring Boot, Java 17, Java 8, Azure DevOps, SQL

**Jan-2016 - Oct-2022** - Solution Architect, IBM Corporation

**Customer:** AT&T is the world's fourth-largest telecommunications company by revenue and the largest wireless carrier in the United States. As of 2023, AT&T was ranked 13th on the Fortune 500 rankings of the largest United States corporations, with revenues of $120.7 billion. AT&T Inc

**Project Description:** With in AT&T I used to work in BSS domain where we build the application called BGW .It 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

**Team Size:** Developer-12

System Engineer - 3

Tester -5

Scrum Master -1

Solution Architect -1

Project Management -1

**Project Roles:** Solution Architect,Lead Developer , System Engineer

**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
* Optimized existing systems and applications by leveraging modern software development techniques
* 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

**Tools and Technologies:** PostgreSQL, Oracle SQL\*Plus, IntelliJ IDEA, pgAdmin, Jira, Postman, Toad for Oracle, Unix, Azure Pipelines, Microsoft Azure, Spring Boot, Apache Tomcat, Java 8, Azure Storage

**Jan-2011 - Dec-2015** - Senior ETL Consultant, IBM Corporation

**Customer:** AT&T is the world's fourth-largest telecommunications company by revenue and the largest wireless carrier in the United States. As of 2023, AT&T was ranked 13th on the Fortune 500 rankings of the largest United States corporations, with revenues of $120.7 billion

**Project Description:** 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

**Team Size:** Developer- 5

Tester -2

System Engineer-1

Project Manger-1

Technical Lead -1

**Project Roles:** Senior ETL Consultant, Technical Lead, System Engineer

**Responsibilities:**

* Monitored performance of ETL processes and optimized code by identifying bottlenecks in the system
* Generated ad-hoc reports using SQL queries according to customer needs
* Created various mappings to load data from flat files and relational databases using Informatica PowerCenter components such as Source Analyzer, Mapping Designer, Transformation Developer and Workflow Manager
* Conducted performance tuning activities on source systems and target databases
* Designed, developed and implemented ETL processes to extract data from various sources into a data warehouse environment utilizing Informatica Powercenter
* Analyzed complex business requirements and translated them into technical solutions leveraging SQL, PL and SQL, Unix Shell Scripting and Oracle Forms and Reports

**Tools and Technologies:** Teradata Database, Oracle SQL\*Plus, Informatica PowerCenter, Toad for Oracle, Unix, PL/pgSQL, Informatica PowerCenter, SQL

**Nov-2007 - Dec-2010** - Test Specialist, IBM India Pvt Ltd

**Customer:** AT&T is the world's fourth-largest telecommunications company by revenue and the largest wireless carrier in the United States. As of 2023, AT&T was ranked 13th on the Fortune 500 rankings of the largest United States corporations, with revenues of $120.7 billion

**Project Description:** 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)

**Team Size:** Tester - 5

Test Lead -1

Delivery Manager-1

**Project Roles:** Test Specialist

**Responsibilities:**

* Developed test plans, scripts, and scenarios to validate system functionality and performance
* Executed automated tests using Selenium WebDriver in Java language
* Collaborated with developers to troubleshoot bugs and resolve them quickly
* Developed regression tests to ensure existing features remain intact after changes have been made
* Generated comprehensive reports that included results from all tests performed
* Utilized JIRA bug tracking tool for logging, verifying and reporting defects

**Tools and Technologies:** Oracle SQL\*Plus, Unix, SQL

Education

**Name of the Education Establishment:** KUVEMPU UNIVERSITY

**Faculty/College:** B.Sc. (IT)

**Department:** Computer Science

**Degree (diploma):** Bachelor

**Name of the Education Establishment:** KARNATAKA STATE OPEN UNIVERSITY

**Faculty/College:** Information Technology

**Degree (diploma):** Master