**Sridhar Gudimella**

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**SUMMARY**

* Overall 14+ years of IT experience in developing and managing BPM and Java/J2EE web-based applications.
* Proficient in Object Oriented Analysis and Design (OOAD) and Design Pattern concepts.
* User Story Analysis, Conversion in BPD, Application development, Process Designing, Roll-out plan, Application Management, and Team management.
* Experienced in Java Web frameworks like Spring, and Hibernate.
* Leaded development teams for major cross-area projects from development to UAT.
* Utilize GitHub for efficient version control of Java applications, leveraging the Git distributed version control system.
* Having Knowledge of PL-SQL concepts like Triggers, Procedures, and Functions.
* Experience in Amazon Web Services (S3, EC2, Lambda, SQS, SNS).
* Experienced in agile and waterfall methodologies with high-quality deliverables delivered.

on-time.

* Experienced in continuous integration and automation using Jenkins.
* Having the ability to understand complex systems and be in command of the details to

provide solutions.F

* Excellent communication, interpersonal and analytical skills, and a highly motivated team
* Familiar with Machine Learning concepts.
* Experience in managing and developing end-to-end applications using **JAVA & IBM BPM.**

**CERTIFICATIONS**

* IBM BPM 8.5 Certified Professional.
* PCEP from Python Institute.
* Post Graduate Program in Data Science and Business: Data Science

Texas McCombs, The University of Texas At Austin - Austin, TX.

* Post Graduate Program in Artificial Intelligence and Machine Learning: Business Applications

Texas McCombs, The University of Texas At Austin - Austin, TX.

**ACADEMIC PROFILE**

* Master in Computer Applications with Distinction from Acharya Nagarjuna University 2009

**TECHNICAL SKILLS**

OS Platforms: Linux/Unix, Windows

Languages: Java, Python 3.x

Databases: MySQL, Oracle, SQL Server, NoSql

Versioning Tools: Git, SVN

Cloud: AWS

Versioning tools: Git, SVN

Web Servers: Apache, WebSphere, Tomcat, JBoss

Frame Works: Java Spring, Hibernate, Spring Boot

Other Tools: Putty, SQL developer, JIRA, IntelliJ, Microsoft Visual Studio, and Eclipse.

**PROFESSIONAL EXPERIENCE**

**Sr Lead Java Full stack Developer,**

**Lorhan Corporation, New Jersey JUL 2018 TO 2023 PRESENT**

**Client: Horizon BCBS of NJ, Newark NJ**

Programming Languages:  Java  
Database:  Oracle, SQL server.   
Tools:  IBM BPM 8.5, Java, Spring Boot

UI Technologies: HTML, CSS, JavaScript.

Methodologies: Agile.

**Project#1**

**Payment Integrity ASO Billing:**

* Participate in the requirement gathering and analysis phase of the project in documenting the business requirements by conducting workshops/meetings with various business users.
* Developing Java and Python-based functionalities.
* Using Java technologies to take process exchange between Horizon and other vendor communication.
* Expertise in configuring and managing Elasticsearch clusters, ensuring scalability and high availability.
* Led initiatives in integrating security features within Elasticsearch, ensuring secure access and data protection.
* Implemented serverless APIs using AWS API Gateway to facilitate communication in Java projects.
* Skilled in designing and deploying robust topologies in Apache Storm, optimizing data flow and processing logic for complex Java-based systems.
* Proficient in tuning Apache Storm configurations for enhanced performance, resulting in faster data processing and reduced latency in streaming applications.
* Configured and maintained AWS EC2 instances for customized and scalable Java application hosting.
* Implemented cost-effective solutions within AWS EBS, ensuring optimal resource utilization.
* Utilized AWS CloudWatch for monitoring and logging, ensuring the health and performance of Java applications.
* Contributed to Confluence spaces, creating and organizing content to facilitate effective communication and knowledge sharing within development teams.
* Collaborated with cross-functional teams to create and maintain Confluence pages, fostering transparency in project progress and decision-making.
* Conducted thorough validation and parsing of JSON data in Java applications, ensuring data integrity and security.

Played a key role in troubleshooting and resolving issues related to Jules JDK, ensuring the stability of Java applications.

* Performed unit testing using JUnit test and also worked on load testing.
* Performing regression testing using the Cucumber framework.
* Responsible for debugging the project monitored on JIRA (Agile).
* Contributed to the creation of reusable components and services in J2EE, optimizing code reusability and reducing development time.
* Orchestrated the adoption of J2EE design patterns, ensuring adherence to proven architectural principles and promoting maintainability.
* Conducted continuous integration and deployment (CI/CD) with App Engine, automating the software delivery process for Java applications.
* Developed robust and scalable Java applications using Spring Boot, emphasizing rapid development and ease of deployment.
* Collaborated with cross-functional teams to implement RESTful APIs using Spring Boot, ensuring seamless communication between microservices.
* Conducted thorough testing and validation of Spring Boot applications, ensuring high code quality and reliability.
* Skilled in writing complex SQL queries and stored procedures, optimizing database interactions for Java applications.
* Utilized Spring Boot to accelerate the development of microservices and streamline deployment.
* Skilled in integrating web services (SOAP and REST) in JEE applications, enhancing interoperability and functionality.
* Experienced in utilizing JEE security features for secure application development and data protection.
* Collaborated closely with data engineering teams to model and architect MongoDB databases, ensuring efficient handling of diverse data structures.
* Designed and implemented microservices architectures in Java applications, promoting modularity and scalability.
* Collaborated with architecture teams to define API contracts and communication patterns between microservices.
* Led the deployment and management of Java applications on AWS, utilizing services such as EC2, Lambda, and Elastic Beanstalk for scalable and resilient architectures.
* Java Spring Boot: Proficient in developing microservices using Java Spring Boot, leveraging its features for rapid development and streamlined deployment.
* RESTful API Development: Skillful in designing and implementing RESTful APIs for seamless communication between microservices, enhancing interoperability.

**Environment**: Java, Spring Boot, SQL Server.

**Project#2**

**Claim Management System:**

Claim Management system does pull a heavy load of 6M records from the centralized system and saves the data in the database.

* Participate in the requirement gathering and analysis phase of the project in documenting the business requirements by conducting workshops/meetings with various business users.
* Developing Java-based functionalities.
* Fostered DevOps collaboration by utilizing OpenShift's integrated tools for Java projects.
* Configured containerized environments on OpenShift for seamless Java application deployment.
* Specialized in customizing Oracle Applications using Oracle OAF, tailoring user interfaces to meet specific business requirements.
* Led initiatives in personalization within Oracle OAF, enhancing the user experience and ensuring applications align with user preferences.
* Configured and managed AWS Lambda functions for serverless execution of Java code.
* Utilized AWS S3 for reliable and scalable storage of data in Java projects.
* Integrated Java applications with AWS RDS for efficient and managed relational database services.
* Spearheaded the development of shell scripts for automation, enhancing deployment processes and reducing manual intervention in Java application setups.
* Collaborated with DevOps teams to create robust shell scripts for system maintenance tasks, optimizing routine processes and ensuring system stability.
* Implemented custom themes and layouts in IBM Portal, providing tailored user experiences.
* Integrated IBM Portal with backend systems and databases, enabling cohesive enterprise solutions.
* Conducted thorough error handling and logging in shell scripts, improving troubleshooting capabilities and facilitating efficient issue resolution.
* Leveraged GCP's App Engine for streamlined deployment and scaling of Java applications, reducing infrastructure management overhead.
* Proficient in deploying and managing Java applications on Kubernetes clusters, ensuring high availability, scalability, and reliability.
* Skilled in using Kubernetes Helm charts to package, version, and deploy Java application components with ease.
* Conducted continuous integration and deployment (CI/CD) with App Engine, automating the software delivery process for Java applications.
* Contributed to the implementation of event triggers and bindings in Cloud Functions, ensuring seamless integration with other GCP services.
* Implemented serverless functions using Cloud Functions on GCP, enhancing specific functionalities in Java applications.
* Spearheaded the use of Maven for project management and build automation, streamlining the development lifecycle for Java applications.
* Contributed to the adoption of Spring Boot Actuator for effective monitoring and management of Java application health.
* Conducted performance tuning of Cassandra clusters, enhancing overall system responsiveness for high-velocity data.
* Contributed to the implementation of data replication and consistency strategies, ensuring data integrity across distributed environments.
* Led the seamless integration of Java applications with Azure services, leveraging its cloud capabilities for scalable and secure solutions.
* Led the adoption of GitLab for version control and collaborative development, optimizing code management for Java applications.
* Conducted Git branching and merging strategies, ensuring streamlined collaboration and code synchronization within development teams.
* Developed and implemented real-time data processing solutions using Apache Flink in Java applications.
* Utilized Flink's stream processing capabilities to handle and analyze large volumes of data in real-time.
* Integrated Apache Flink with Java applications, ensuring seamless data flow and computation.
* Ensured centralized storage and retrieval of Java application data using Data Lake solutions.
* deployments with Kubernetes, ensuring portability and scalability.
* Conducted database schema design and maintenance in DB2, ensuring data consistency and integrity throughout the development lifecycle.

**Environment:** Java, Spring Boot, SQL Server, BPM.

**Project#3**: **Federal Employee Program (FEP)**

**Client: Horizon BCBS of NJ, Newark NJ**

Programming Languages:  Java  
Database:  Oracle  
Tools:  IBM BPM 8.5

UI Technologies: HTML, CSS, JavaScript.

Methodologies: Agile.

**Description:**

FEP application automates the flow of claim processing for Federal Employees' claims in Horizon BCBS.

**Roles & Responsibilities:**

* Analysis of **requirements**, **design,** and development of robust and scalable solutions to business or **operations** **problems** in alignment with the enterprise architecture direction and standards.
* **UI** development using Coach Views and **Spark UI** technologies.
* Creating database stored procedures.
* Implemented Kibana for real-time log analysis and visualization, providing valuable insights into Java application behaviour.
* Implemented cost-effective solutions within AWS EBS, ensuring optimal resource utilization.
* TypeScript Mastery: Leveraged TypeScript extensively, enforcing strong typing for enhanced code quality, maintenance, and seamless collaboration within the development team.
* RxJS for Reactive Programming: Led the implementation of reactive programming paradigms using RxJS, ensuring efficient handling of asynchronous operations and responsive user interfaces.
* Deployed Java applications on AWS Elastic Beanstalk for scalable and managed hosting.
* Applied big data frameworks to optimize scalability and performance in Java development.
* Utilized Apache Kafka for efficient data streaming and processing in Java applications.
* Leveraged cloud-native technologies to design and implement scalable and resilient event-driven architectures.
* Integrated Cloud Stream components for efficient data processing and real-time event handling.
* Integrated XML with web services and APIs in Java applications, facilitating interoperable data exchange.
* Implemented XML serialization and deserialization in Java, enabling efficient data storage and retrieval.
* Developed complex XSLT templates for various business requirements, ensuring flexibility and efficiency in data presentation.
* Implemented XSLT-based data integration solutions, facilitating seamless data exchange between systems.
* Orchestrated the deployment and management of Java applications on Cloud Foundry, utilizing its platform-as-a-service (PaaS) capabilities.
* Collaborated with cross-functional teams to design and implement scalable and resilient architectures on Cloud Foundry.
* Conducted Cloud Foundry resource optimization, ensuring efficient utilization of cloud resources for cost-effectiveness.
* Ensured seamless deployment and monitoring of Cloud Stream applications in cloud environments
* RESTful API Integration: Directed teams in integrating Angular applications with RESTful APIs, establishing robust communication channels between the front-end and Java-based back-end systems.
* Leveraged GCP's App Engine for streamlined deployment and scaling of Java applications, reducing infrastructure management overhead.
* Proficient in implementing continuous integration (CI) and continuous delivery (CD) pipelines for Java applications, ensuring seamless and automated deployment processe
* Skilled in containerization using Docker, enabling efficient application deployment, scalability, and consistency within Java development environments.
* Proficient in using orchestration tools like Kubernetes to manage containerized applications, ensuring high availability, load balancing, and auto-scaling for Java applications.
* Proficient in using Kubernetes monitoring and logging tools (e.g., Prometheus, Grafana, Fluentd, and Elasticsearch) to gain insights into Java application performance and troubleshoot issues.
* Containerization: Experience with containerization technologies like Docker, ensuring consistency across development, testing, and production environments for Java microservices.
* Embedded Servers: Experience in utilizing Spring Boot's embedded servers (like Tomcat, Jetty) for simplified deployment and configuration.
* Auto-Configuration: Skillful in leveraging Spring Boot's auto-configuration features to streamline setup and reduce manual configuration efforts.
* Spring Data JPA: Expertise in integrating Spring Data JPA for efficient data access and manipulation, simplifying database interactions in Java applications.
* Service Discovery: Implementation of service discovery patterns, utilizing tools like Eureka or Consul, for dynamic and efficient communication between microservices.
* Skilled in integrating Jenkins with testing frameworks like JUnit or TestNG, automating the execution of test suites for Java applications.
* Proficient in configuring Jenkins for notifications and reporting, keeping development teams informed about build status, test results, and deployment outcomes in Java projects.
* Experienced in implementing Kubernetes security best practices, including role-based access control (RBAC) and network policies to secure Java microservices.
* Creating database services using **SQL Execute Statement** and **SQL Execute Multiple Statement** for **Select, Insert, Update, and Delete** operations.
* Implementing web services using **REST** and **SOAP**.
* Worked on Recurring Tasks enhancements
* Worked on performance improvement.
* Worked on UCA schedulers and intermediate events.
* Implemented exceptional handling techniques for process application.

**Project#4**: **Medi Gap Enrollment Program (MEP)**

**Client: Horizon BCBS of NJ, Newark NJ**

Programming Languages:  Java  
Database:  Oracle  
Tools:  IBM BPM 8.5

UI Technologies: HTML, CSS, JavaScript.

Methodologies: Agile.

**Description:**

Medi Gap application automates the flow of enrollment programs for members who are more than 65 years old based on eligibility and criteria. Enrollment happens over multiple API calls.

The auto payment feature is also enabled in the application if the member requests to pull the details

From consecutive API calls.

**Sr BPM Developer, Jan 2017 – June 2018**

**Lorhan Corporation, New Jersey**

**Project#1**: **Ops Workbench 3.0**

**Client: Fannie Mae, Herndon VA**

Programming Languages:  Java  
Database:  Oracle  
Tools:  IBM BPM 8.6

UI Technologies: Spark UI, HTML, CSS, jQuery, DOJO, JavaScript.

Methodologies: Agile.

**Description:**

Enhancements to the workflow on recurring tasks and email automation flow for Workbench applications.

The release also includes the wire module changes with the new message as input to the workflow.

**Technical Lead,**

**Lorhan Corporation, New Jersey**

**Project#2**: **Repurchase Disclosure**

**Client: Fannie Mae, Herndon VA**

Programming Languages:  Java  
Database:  Oracle  
Tools:  IBM BPM 8.6

UI Technologies: Spark UI, HTML, CSS, jQuery, DOJO, JavaScript.

Methodologies: Agile.

**Description:**

This automated workflow application has multiple members and flows involved which keeps track of the reports and methodology tasks of team/teams in the organization.

**Project#3**: **Ops Workbench 2.0**

**Client: Fannie Mae, Herndon VA**

Programming Languages:  Java  
Database:  Oracle  
Tools:  IBM BPM 8.5

UI Technologies: Spark UI, HTML, CSS, jQuery, DOJO, JavaScript.

Methodologies: Agile.

**Description:**

This automated workflow application has multiple members and flows involved which keeps track of the day-to-day tasks of teams/teams in the organization.

**Roles & Responsibilities:**

* **Client** interaction, Business requirement analysis & **Task estimation**
* Optimization of existing processes and analyzed existing components/toolkits and suggested changes in components.
* Analysis of **requirements**, **design,** and development of robust and scalable solutions to business or **operations** **problems** in alignment with the enterprise architecture direction and standards.
* Integrate Spring Security with AWS IAM for secure and fine-grained access control in Java applications deployed on AWS.
* Implement token-based authentication with Spring Security to enhance security in Java applications running on AWS.
* Adept at utilizing Mockito's argument matchers to create flexible and dynamic tests, allowing for verification and validation of method calls with various arguments.
* Skilled in seamlessly integrating Mockito with JUnit, creating comprehensive and effective test suites for Java applications.
* Applied Agile methodologies to lead collaborative, cross-functional development teams.
* Participated in sprint planning, retrospectives, and daily stand-ups, fostering a culture of continuous improvement.
* Adapted quickly to changing project requirements and priorities in an Agile development environment.
* Cross-functional collaboration: Collaborated effectively with cross-functional teams, guiding on integrating Angular applications with Java back-end systems.
* Component-Based Design: Spearheaded the adoption of Angular's component-based architecture, promoting modularity and code reusability in large-scale projects.
* Kafka's architecture includes components like producers, brokers, topics, and consumers, which work together to create a scalable and fault-tolerant messaging system.
* Kafka is widely used in various industries for log aggregation, data streaming, and building real-time data processing applications.
* Participating in **design** and **code** **reviews**
* Expertise in providing **technical** **guidance** to **onshore/offshore** **development** teams.
* **Production Support** when required.
* Implementing **Logging** features using **Log4j**.
* Adding **exceptional** **handling** features to the components.
* **UI** development using Coach Views and **Spark UI** technologies.
* Adding **validation** scripts to the **Coaches** using **JavaScript**.
* Creating database services using **SQL Execute Statement** and **SQL Execute Multiple Statement** for **Select, Insert, Update, and Delete** operations.
* Implementing web services using **REST** and **SOAP**.

**Technical Lead,**

**TCS May 2016 to Dec 2016**

**Project#1**: **Components**

Programming Languages:  Java  
Database:  Oracle  
Tools:  IBM BPM 8.5, IBM Integration Designer (IID)

UI Technologies: Bootstrap, HTML, CSS, jQuery, DOJO, JavaScript.

**Description:**

In this project, I have delivered a few customized stock controls such as document storage and retrieval using drag and drop. The tab has the additional capability to show the error count on the errored tab. Reusable coach views in different applications.

**Roles & Responsibilities:**

* **Client** **interaction**, Business requirement analysis, and task **estimation**.
* **Optimization** of existing processes and analyzed existing components/toolkits and **suggested** **changes** in existing **components**.
* Analyzing the requirements of the business and **providing** **technical** **feasibility** of the requirement and estimates to complete the requirement.
* Participating in **design** and **code reviews**.
* Participating in all aspects - development, testing, and deployment of IBM BPM solutions.
* Develop **reusable** components using **Coach Views**.
* **Presenting** the **playbacks** to the **client**.

**Project#2**: **PSIM**

Programming Languages:  Java  
Database:  Oracle  
Tools:  IBM BPM 8.5, IBM Integration Designer (IID)

UI Technologies: Bootstrap, HTML, CSS, jQuery, DOJO, JavaScript.

**Description:**

**Physical Security Management System** is a workflow-automated tool that deals with processes for managing/reviewing the security components across corporate offices, Branch offices, and ATMs.

It has modules like Risk Profile, Security Evaluation, and Security Upgrade Process with multiple members involved in the process.

**Technical Lead,**

**A BNY Mellon Company. Dec 2012 to May 2016**

**Project#1**: **Service Delivery Gateway**

Programming Languages:  Java  
Database:  Oracle  
Tools:  IBM BPM Lombardiv7.5 and 8.5, JavaScript, Unix

**Description:**

**Service Delivery Gateway** involves a day-to-day process of the CSD department. The request that needs to be processed will be tracked and automated under the SDG application. As a part of Release 2 enhancements have been developed and migration from 7.5 to 8.5 version has been performed.

**Roles & Responsibilities:**

* Analyzing the requirements of the business and providing technical feasibility of the requirement and estimates to complete the requirement.
* **Coordination** with **onshore** and **offshore** teams.
* During enhancement developed the BPDs, Human and General system services, and applicable **integration services**.
* During the migration of the snapshot from the 7.5 version to the **8.5** version necessary **Javascript/jQuery** changes have been made to the Heritage Human Services.
* Strong understanding of **design** and **process discovery**.

**Project#2**: **CT Transition Workflow**

Programming Languages:  Java  
Database:  Oracle  
Tools:  IBM BPM Lombardi

**Description:**

**CT Transition Workflow** is a BPM development project that tracks the various transactions that are associated with the corresponding Deals that the BNY Mellon Bank does with various vendors. Cash Disbursement, Maintenance, and Daily Cash Flows are a few examples of the types of transactions that are associated with deals.

**Senior Software Engineer,**

**Marlabs Software Pvt. Ltd., Pune**

HSBC Global Technologies **Dec 2011 to Dec 2012**

**EDMS (Enterprise Document Management Systems)**

Enterprise Document Management System (EDMS) An Electronic Document Management System (EDMS) is a collection of technologies that work together to provide a comprehensive solution for managing the creation, capture, indexing, storage, retrieval, and disposition of records and information assets of the organization.

**Roles & Responsibilities:**

* Developed server-side coding using **Spring** and basic Core Java.
* Developed user screens using UI technologies like **JSP, HTML,** and **CSS**.
* Fixed the bugs and also performed the manual testing for the developed screens.
* Created **Named Queries** using Hibernate HQL for the specific implementations of all the modules.
* Implemented CI/CD pipelines to automate software delivery processes, reducing time-to-market.
* Developed **JUnit and Spring Junit test cases** for implementation of all the modules.
* Strong Leadership Potential and ability to learn quickly.
* Experience using Apache, Tomcat, Eclipse, SQL Navigator/TOAD and Unix

**Software Engineer (Development),**

**Shris Infotech Services**  **Hyderabad** Dec 2009 to Nov 2011

**Project#1**: **EMR** (**Electronic Medical Records)**

Client: CFDS, Canada

Programming Languages: Spring, Hibernate, Smart GWT, RPC.

Database: My SQL 5.x

Environment: Windows.

Tools: SVN, Aqua Data Studio 9.0, Apache Active MQ 5. x

**Description:**

An **electronic medical record** (**EMR**) is a computerized medical Record created in an organization that delivers care, such as a hospital or physician's office. Electronic medical records tend to be a part of a local stand-alone health information system that allows storage, retrieval, and modification of records.

**Roles & Responsibilities:**

* Developed **HL7 module** which transfers the data from one application to another application using Apache Active MQ 5. x. This module involves the coding of each and every segment in HL7Messages using Spring and JMS technologies.
* In the **Demographics module**, coded the presentation panels using GWT. Fixed the bugs and also performed the manual testing for the developed screens.
* In the **Data Load Module developed the code for loading** CSV files into to database using Java code.
* Created **Named Queries** using HQL for the specific implementations of all the modules
* Developed **JUnit test cases** for implementation of all the modules.

**Project#2**: **Shopping Cart (Online Shopping**)

Client: Paylessbazaar (paylessbazaar.com)   
Programming Languages:  Spring, Hibernate  
Web Services:   REST  
Database:  My SQL 5.x  
Environment:  Windows.  
Tools:  SVN, Aqua Data Studio 9.0, Adobe Dream Weaver.

**Description:**

Shopping Cart is a web-based project where the user can access the site and make purchases. The purchases could be made through mobile devices by installing the Shopping Cart App. This app is developed platform independently and it is compatible with any latest mobile devices. It describes the specific Retailer with multi-tenancy and for the multiple customers with a central database.

**Roles & Responsibilities:**

* Performed **Code Gen Activity** and developed the server-side automation code using Apache Velocity.
* Created Named Queries and developed implementations for the specific request from the client layer
* Developed **JUnit test cases** for the specific implementations.
* Developed **Producer implementation code** on the server side for the resources that are consumed at the client side using REST protocol JAXB and Jersey
* **Maintained the central database** using Aqua Data Studio Tool using MySQL queries.
* Designed the Database using Adobe Power Designer.
* Drawn **ER diagrams** for the tables and relationships as per the customer’s requirement.

**Accomplishments:**

* Above and Beyond Award from BNYMELLON.
* WOW Award for SDG process application enhancements from BNYMELLON.