**Mounika Devi Mamidibathula**

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**Professional Summary**

* **Masters (Computer Software Engineering)** with **5+ years** of experience in **Software Application development** in Healthcare domain.
* Working on **Advanced Cloud based Java technologies** for the last 25 months.
* Hands-on expertise in Software Development Life Cycle with key skills like **Java, J2EE, Cloud based REST Micro Services, Apache Kafka, MongoDB, MS SQL Server**
* Completed POC on multiple DB’s likes SQL, ORACLE, Cassandra, DB2, Mongo DB
* Proposed and implemented NoSQL Mongo DB upon successful **POC (Data Model, Collections and Indexes)**.
* Designed **Spring Batch framework** to run complex high volume data batch processes.
* Designed **Spring Boot Framework using Orchestrator** flow for developing java microservices.
* Worked with framework integrated with Open source platforms such as **Netflix Eureka, Zuul and Cloudconfig**.
* Constructed complex NoSql **Mongo DB queries** using Spring **MongoTemplate**.
* Actively worked on **Dockerize Spring Boot Application**.
* Have good experience in transitioning application to container orchestration platform like **Mesos/Marathon, Openshift**.
* Experience with Search processing language to analyze log, debug on **Splunk**.
* Developed application with coding standards using **SonarQube** for code quality.
* Used **Veracode** to address security vulnerabilities in application.
* **Sound experience in multithreading, transaction management and platform upgrades.** Proficient with software development methodologies like **Agile** and **Waterfall.**
* Expertise in analyzing information system needs, evaluating end-user requirements, custom designing solutions and troubleshooting critical production issues.
* Able to work independently as well as in collaborative environment with geographically distributed teams.
* Cordial and communicative with interpersonal skills, Strong written and oral communicative skills, and strong problem solving, analytical skills.

**Education Summary**

**Master of Science, Computer Software Engineering, University of Houston - Clear lake** Aug’14 - May’16

**GPA: 3.5**

**Bachelor of Technology, Computer Science, KL University, India** Aug’10 - May'14

**GPA: 3.4**

**Technical Skills**

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| **Languages and Technologies** | Core java, J2EE, JSP, Servelet, Spring Core, Spring Batch, JavaScript, RESTful Micro Services Cloud Technologies Lamda, Springboot, Spring JDBC Templete, Hibernate 3.0, Struts 1.3, SOAP Web Services API Gateway, Spring Cloud Stream  |
| **Web Technologies**  | HTML, CSS, Angular 7, JavaScript, Shell, Python |
| **Databases** | MongoDB, MS SQL Server, Oracle 11g, IBM DB2, MySQL |
| **Tools/Methodologies** | Rational Software Architect, Eclipse, STS IDE, Studio 3T/Robo 3T  |
| **Integration/Deployment** | Git/Bitbucket, Bamboo, Jenkins, Artifactory, JIRA, Confluence |
| **Servers** | WebSphere Application Server 8.5, WebSphere Application Server Liberty 8.5.5.7, Apache Tomcat, NPM/Nodejs for Angular App. |
| **Code Quality Analysis Tool** | SonarQube |
| **Data and logger Analytics Tool**  | SPLUNK Dashboard Development using search processing language [SPL],ELK (Elastic Search, Logstash, Kibana) |
| **Monitoring Tools** | Wily, Tivoli, Nagios, New Relic, Grafana |
| **Orchestration Platform** | Kubernates, AWS ESC, EKS, Openshift |
| **Profiling Tool** | Xrebel, Spring Admin |

**Career Contour**

➢ Currently associated with Arka Technologies Inc., USA from (October 2017 to till date.)

➢ Worked as Java Software Engineer with Vison Square Inc., USA (July 2016 to October 2017)

➢ Worked as Software Engineer Intern with Symbiosys Technologies, India (Aug 2013 -Dec 2013)

**Professional Experience**

**Client: Anthem Inc. Period: January 2018 to till date**

Anthem, Inc. is an American health insurance company founded in the 1940s, prior to 2014 known as WellPoint, Inc. It is the largest for-profit managed health care company in the Blue Cross and Blue Shield Association.

 **Sr. Java Developer / Dev Lead**

 **Project Description:** Anthem, Inc COINS – Commissions Incentive System

 Consolidate & automate internal sales compensation and commissions processing into a single modernized platform for internal brokers. It uses Spring boot micro services, spring batch and Angular UI with messaging stream support of Apache Kafka to deliver commissions & compensation information to brokers.

 **Responsibilities:**

* Worked in Agile model and good with **Agile ceremonies**- Sprint planning meeting, Daily Scrum, Sprint review meeting, and Sprint retrospective meeting.
* **Groomed user stories** by writing description, acceptance criteria, story points on **JIRA** platform
* Designed & Developed **event-driven microservices** using **Spring Cloud Stream Framework** and **Apache Kafka**
* Used **Spring Cloud Netflix tools** like **Eureka for Service Discovery** and **Zuul for Intelligent Routing**
* Identified and Collaborated with dependent teams to analyze the impact and effort to complete a story
* Designed & Developed **RESTful Spring Boot Microservices** using **Spring Integration**
* Used spring framework for **dependency injection, transaction management.**
* Spring Controllers were used with Angular JS to route the control to desired Java services.
* Designed & Implemented **Spring boot Batch** to process large flat files generated from legacy Mainframe systems.
* Worked on NoSQL **MongoDB** using Studio 3T/Robo 3T to perform **CRUD** operations
* Written complex **Oracle SQL queries** with JOIN operations.
* Worked on **designing the Data model for MongoDB** collections by reviewing the legacy SQL data model and created a NoSQL (**MongoDB**) data model for the BackOffice services.
* Assisted in DevOps jobs such as CloudFormation **templates**, Environment configurations, and Build pipelines.
* Created **Lambda functions** by understanding the legacy .Net code and breaking it down to micro services.
* Used Junit **Mockito** framework for writing unit test cases for business functionality developed.
* Implemented **Splunk forwader** for logging and Used search processing language in **Splunk.**
* Worked on POC to implement **Xrebel** for profiling java programs.
* Implemented **Spring Admin Monitoring tool** for monitoring services.
* Written business rules using **drools** and created libraries with .drl files.
* Engage with various stakeholders to formulate the delivery roadmap and project plans to support business needs and goals.
* Transform the existing design and implementation of legacy services into **AWS Architecture**.
* Involved actively in release planning and deployment.
* Worked with DevOps team for creating **CI/CD pipeline** using integration tools like **Jenkins/Bamboo**.
* Actively involved in **containerization** of application by creating **Docker** files.
* Successfully delivered complex business functionalities.

**Technology**:

**Java Spring Boot REST Microservices, Spring Integration, Spring Cloud Stream, Apache Kafka, Spring Batch, Drools, MongoDB, Oracle SQL Server, Splunk, Wily, Xrebel, Docker.**

**Client: Anthem Inc. Period: October 2017 to January 2018**

Anthem, Inc. is an American health insurance company founded in the 1940s, prior to 2014 known as WellPoint, Inc. It is the largest for-profit managed health care company in the Blue Cross and Blue Shield Association.

 **Sr. Java Developer**

 **Project Description**: Anthem Broker Portal’s - SGFOA – Small Group Front Office Automation

Small Group Front Office Automation (SGFOA) is a unified event-driven platform to connect all actors (Broker, Broker Services, Employers, Account Executives) and front office functions. Its capabilities include Lead Management, Quoting, Enrolment, Underwriting, Renewals and Omni-channel support. Small Group Container (SGC) is an open-ended application which can be quickly integrated with external systems for enrolment. SGC is a service hub, which receives enrolment requests with documents from Salesforce front end and route them to downstream systems to support enrolment and reconciliation of members enrolled in system.

 **Responsibilities:**

* Worked in **Agile** model and good with agile ceremonies- Sprint planning meeting, Daily Scrum, Sprint review meeting, and Sprint retrospective meeting.
* Groomed user stories by writing description, acceptance criteria, story points on JIRA platform.
* Identified and Collaborated with dependent teams to analyze the impact and effort to complete a story.
* Designed & Developed **RESTful Spring Boot Microservices** using Spring Integration.
* Worked on NoSQL MongoDB and used Studio 3T/Robo 3T to perform **CRUD** operations.
* Worked on **designing** the **Data model** for MongoDB collections.
* Designed & Developed **event-driven microservices using Spring Cloud Stream Framework** and Apache Kafka.
* Used **Spring Cloud** Netflix tools like Eureka for Service Discovery and Zuul for Intelligent Routing.
* Documented **API specification using Swagger** and High level design of microservices in Confluence.
* Involved in Continuous Integration & Continuous Deployment using Atlassian tools like Bitbucket, Bamboo.
* Written **build and deployment plans** in Atlassian Bamboo as part of DevOps activities.
* Adhered to security & coding best practices which includes fixing SonarQube issues and Veracode security vulnerabilities

**Technology:**

**Java Spring Boot REST Microservices, Spring Integration, Spring Cloud Stream, Apache Kafka, Springbatch, MongoDB, MS SQL Server.**

**Client: Anthem Inc. Period: March 2017 to September 2017**

Anthem, Inc. is an American health insurance company founded in the 1940s, prior to 2014 known as WellPoint, Inc. It is the largest for-profit managed health care company in the Blue Cross and Blue Shield Association.

 **Java Developer**

 **Project Description**: HCR Broker Portal

HCR Broker Portal is new application for supporting Individual & SG business for all 14 states. The Application enables the external and internal brokers to perform various broker functions such as Broker Profile Management & Administration and allows the existing brokers to use their current login credentials and seamless integration between Broker Portal & Legacy Broker Portals. HCR Broker portal application provides the information about brokers Book of Business, billing and Commission statements.

**Responsibilities:**

* Worked in Agile model and good with agile ceremonies- Sprint planning meeting, Daily Scrum, Sprint review meeting, and Sprint retrospective meeting.
* Developed Java application using Spring framework, **Apache Tomcat 7.0** as Web Application Server and **IBM DB2.**
* Groomed user stories by writing description, acceptance criteria, story points on JIRA platform.
* Identified and Collaborated with dependent teams to analyze the impact and effort to complete a story.
* Performed requirements gathering and **technical documentation**.
* Written Junit testcases using **Mockito** framework to achieve maximum code coverage.
* Written **SQL Stored procedures** and queries to fetch data from DB.

 **Technology:**

 **Java, RESTful Web Services, Hibernate, Spring Integration, Tomcat**, **IBM DB2**

**Vision Square Inc. Period: July 2016 to February 2017**

Vision Square Inc. is one of the fastest growing information technology company offering contingent staff augmentation of Information Technology and Web Development software professionals. IT services are offered on an implementation, upgrade and change management project or strategic staffing basis, in Web Development Technologies, Data Warehousing, Enterprise Resource Planning (ERP), Customer Relationship Management (CRM) and Business Intelligence (BI) package environments, and across all technology platforms, operating systems and infrastructures.

**Java Software Developer**

**Project Description**: Treasury Post Payment System

Treasury Post Payment system is an application for post-payment processing, handling massive amounts of data to store, analyze, convert, and process seven years of Payments and Payee data where different agencies access the post payments, individual and business data records of customers.

**Responsibilities**:

* Involved in Core Java development and Support of Java/J2EE applications with emphasis on OOP-based web forms, business logic, database access components.
* Developed RESTful Web services with a synchronous request-response and involved in deploying the services.
* Written hibernate mapping files and POJO classes to map database tables with java objects.
* Created an XML configuration file for Hibernate - Database connectivity.
* Modeled the data according to the business requirements
* Written Junit testcases using Mockito framework to achieve maximum code coverage

**Technology:**

**Java, J2EE, Hibernate, RESTFul webservices, Mockito, XML, MongoDB**

**Symbiosys Technologies, India. Period: January 2013 to June 2014**

**Software Developer Intern**

**Project Descrpition**: Intra-Carpooling platform

Symbiosys Technologies is a global technology services company with a focus on industry-specific solutions, strategic outsourcing and integration services. The Company offers project delivery capabilities by providing its clients a choice among any combination of the options, such as onsite at the client facility, offsite at one of its offshore development facilities in India. Symbiosys Technologies provides services to a spectrum of clients in a variety of industries, including financial services, retail and distribution, manufacturing, healthcare, public sector, and telco/ utilities/ transportation.

**Responsibilities**:

* Involved in configuration setting for Development, Test, and Production Environment.
* MVC Architecture pattern using Spring Framework.
* Developed Class diagrams, Sequence Diagrams using UML.
* Collect and analyze the functional requirements from user, design and develop the same.
* Do Peer‐to‐Peer code reviews (Verification).
* Prepare Unit Test cases and Test Manually before delivering it to the client (Validation).
* Data Migration while implementation and Data Reconciliation during month end closing.
* Followed Coding Standards defined in integrated management System and QMS.

**Technology:**

**Java/J2EE, Spring MVC, SOAP APIs, Hibernate, Tomcat**, **IBM DB2,Oracle 11g, Pl/Sql**

**South Central Railways: E-World, India. Period: June 2012 to Dec 2012**

**Software Developer Intern**

**Project Description**: EMPLOYEE MANAGEMENT SYSTEM IN ELS

EMS project is to maintain the training details, employee information and attendance details. The project is used to maintain the training details of employee, course attended information and the due date of the refreshal training according to designation wise automatically. The project is also used to maintain employee biodata information and the attendance of the employee. It is also used to know the types of the leaves of the employee in Electric Loco Shed (ELS) Vijayawada (BZA).

**Responsibilities**:

* Involved in configuration setting for Development, Test, and Production Environment.
* MVC Architecture pattern using Spring Framework.
* Developed Class diagrams, Sequence Diagrams using UML.
* Collect and analyze the functional requirements from user, design and develop the same.
* Do Peer‐to‐Peer code reviews (Verification).
* Prepare Unit Test cases and Test Manually before delivering it to the client (Validation).
* Data Migration while implementation and Data Reconciliation during month end closing.
* Followed Coding Standards defined in integrated management System and QMS.

**Technology:** **Java/J2EE, Spring MVC, SOAP APIs, Hibernate, Tomcat**, **IBM DB2,Oracle 11g, Pl/Sql**