**MEGHANA**

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**PROFESSIONAL SUMMARY:**

7 years of IT experience in all phases of Software Development Life Cycle (**SDLC**) as a Developer with expertise in Object-Oriented Design, Development, Testing and Support of enterprise Level Intranet/Internet Web based Applications using Agile, Waterfall methodology and Cloud Technologies.

* Experience in working with projects utilizing test-driven development (**TDD**), BDD and Acceptance Test-driven development (**ATDD**) methodologies.
* Experienced in working in **AGILE** based development environment and participating in **Scrum** sessions.
* Developed Java API to connect with **AWS S3** Services for storing and retrieving data stored in the **S3 buckets**.
* Hands on experience in **MEAN stack – MongoDB, ExpressJS, AngularJS and NodeJS, React Native.**
* Extensive experience of designing and developing software applications with **Java, J2EE, JMS, JDBC, Servlets, Java** **Beans**.
* Experienced in concepts like **serialization, multithreading, exception handling** and **concurrency.**
* Strong experience in using various web technologies like **HTML5**, **CSS3**, also have experience in technologies like **Java Script**, **Angular JS**, **ReactJS**, **NodeJS**, **jQuery**, **AJAX**, **Bootstrap, JSON.** Experienced in Web-based development in **Groovy/Grails**.
* Proficient in **Spring-hibernate, Spring security, Spring validations** and **Spring-JDBC** integration on various web-applications.
* Adept skills in working with applications developed using Object Relational Mapping frameworks like **Hibernate** and **MVC** frameworks like **Struts, JSF** etc., and **IOC frameworks**like **Spring Batch**, **Spring** and its subsidiary modules such as **Spring MVC, Spring DI, Spring JDBC, Spring IOC, and Spring AOP.**
* Experience in implementing inheritance based on **mapping** tables data in **Hibernate.**
* Developed most responsive single window application using **AngularJS**.
* Extensively used **XML and JSON in REST and** **SOAP** web services for making request and getting response back.
* Substantially acquainted to **SOA** (Service Oriented Architecture) and experience in developing Web services using Apache CXF, Axis, **WSDL**, SOAP, **REST**, UDDI, WS-Security (WSS), XML-RPC and JAXB/JAXP.
* Developing Micro Services **RESTful APIs** that provides fast and efficient data exchange against **SQL** and NoSQL Databases for the **BI SaaS** product.
* Implemented **ADA** Features for building web pages under **WCAG 2.0** guidelines.
* Worked on databases like **Oracle, DB2, MySQL** and **NOSQL** databases like **MongoDB, Cassandra.**
* Expertise on **Maven** and **Ant** for Project building tools, **Jenkins** for Continuous Integration.
* Experience in implementing new Java8 features like **parallel streams, lambdas and filters**.
* Hands on experience in automated **JUnit, Mockito and Power Mockito** testing tool. Also developed automated scripts using **Selenium** and worked with **Postman for API testing.**
* Good at bug-reporting and bug-tracking using Test Management tools like Quality Center, Version One and **Jira**, **HP ALM**.
* Experience in orchestration of **Docker** Images/**Containers** and used **Maven** and **Jenkins** tools to build and deploy the source code using project object model (**POM**) for execution.
* Self-motivated and business-savvy with well-rounded technological aptitudes. Excellent interpersonal, communication, and presentation skills and ability to relate to people at any level of business and management.

**TECHNICAL SKILLS:**

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| **Programming languages** | Java, C++, C |
| Databases | Oracle, DB2, MySQL, SQL, MongoDB, Cassandra |
| **Frameworks** | Struts, Spring, Hibernate |
| **Web Technologies** | J2EE, JSP, XML, HTML5, JavaScript, Java Beans, CSS3, Servlets 2.4/2.5, AJAX (jQuery framework), Angular JS |
| **Web/Application servers** | Tomcat, JBoss, WebSphere, WebLogic, Kafka |
| **Designing and Modeling** | UML Design, MVC, Template and Command |
| **Configuration Management** | SVN, CVS, GIT |
| **IDE Tools** | NetBeans, Eclipse, My Eclipse, IntelliJ IDEA, STS |
| **Software development Methodologies** | SDLC, Agile |

**PROFESSIONAL EXPERIENCE:**

**Client: Anthem Inc., Cincinnati, OH Dec’19 – Present**

**Role: Java API Developer**

**Responsibilities:**

* Responsible for the analysis, documenting the requirements and designing the application based on **J2EE** standards. Worked as Onshore lead to gather business requirements and guided the offshore team on timely fashion.
* Closely worked with Kafka Admin team to set up Kafka cluster setup on the QA and Production environments.
* Implemented **Spring** **boot** micro services to process the messages into the **Kafka cluster setup**.
* Part of application development team for refactoring existing code and deliver upcoming new Change Requests for the ongoing live application, which is developed using **Spring MVC, Spring Batch, Hibernate and Spring Web Services**.
* Created POCs for **AWS lambda** and **ECS** deployments of our **java** applications.
* Designed and Developed UI using **Angular.JS 9, HTML5, CSS3, Bootstrap, JavaScript**and **jQuery**.
* Responsible for design and developing Persistence classes using **Hibernate** and **spring boot**data Template frameworks to save data in database tables.
* Build **REST**web service by building **Node.js**Server in the back-end to handle requests sent from the front-end **jQuery Ajax calls**.
* Used **Spring MVC**Model View Controller to handle/intercept the user requests and used various controllers to delegate the request flow to the Backend tier of the application.
* Configured **spring**to manage Actions as beans and set their dependencies in a context file and integrated middle tier with **Hibernate**.
* Produced Web Services using SOAP and Apache CFX.
* Developed **Spring Boot**based **Micro Services**& implemented Spring cloud/Netflix API architecture p Confidential erns (Eureka Service discovery, Configuration server).
* Configured the xml files for **Spring Security** injection to ensure the back-end security by discriminating the role of users as well as access authority for the URIs and Server-side assets.
* Built **DAO** package as well as **DAO IMPL** package to implement the data access logic, and using **Hibernate Annotation**to do the data mapping.
* Wrote **Hibernate**configuration files to enable the data transactions between **POJO** and **Oracle Database**.
* Had knowledge on **Kibana** and **Elastic search** to identify the Kafka message failure scenarios.
* Implemented to reprocess the failure messages in Kafka using **offset id**.
* Implemented **Kafka producer and consumer** applications on Kafka cluster setup with help of Zookeeper.
* Used Spring **Kafka API calls** to process the messages smoothly on Kafka Cluster setup.
* Have knowledge on partition of **Kafka messages** and setting up the replication factors in Kafka Cluster.
* Developed **MapReduce**(**YARN**) programs to cleanse the data in **HDFS** obtained from heterogeneous data sources to make it suitable for ingestion into **Hive** schema for analysis.
* Implemented **Agile**practices for **workflow process, epic/user stories, scrums, sprints, releases**and **reporting.**
* Converted and automated builds using **Maven**and **Docker**.

**Environment:** Java, Spring Boot, Micro services, jQuery, Angular, JSON, Git, Bamboo, Docker, Maven, Apache Kafka, Apache Spark, SQL Server, Kibana and Elastic Search

**Client: BIC Graphics, Tampa, FL Dec’18 – Dec’19**

**Role: Sr Java Developer**

**Description:** One of the largest suppliers in the promotional products industry, BIC Graphic offers the most comprehensive product assortment. BIC Graphic operates five manufacturing facilities across the United States. They operate an E-commerce site for online sales.

**Responsibilities:**

* Involved in **analysis, specification, design, and implementation**, testing phases of Software Development Life Cycle (SDLC), and used **agile methodology** (SCRUM) for developing application.
* Involved in Design, build or maintain web sites, using authoring or scripting languages, content creation tools, management tools and digital media.
* Hands on experience with one or more Cloud Infrastructure and Services like **Amazon AWS**.
* Developing a product-level cloud-based architecture in **AWS** and maintaining a farm of **AWS** resources like EC2 instances, ELB's and Auto scaling.
* Write, design, or edit web page content using **HTML, CSS, jQuery** and made responsive using **Bootstrap**.
* Built Web pages that are more user-interactive using **Angular JS 2/4, jQuery** plugins for Drag and Drop, AutoComplete, **JSON, jQuery, JavaScript, Ajax calls**.
* Worked with **Spring MVC** framework for implementing Model-View- Controller **(MVC**) architecture at the Web

tier level to isolate each layer of the application.

* Implemented Micro Service Architecture with **Spring Boot based RESTful services** and consumed **SOAP** based

Web Services.

* Worked on batch processing using **Spring Batch** framework to validate feed files and load data into corresponding **EBX5** tables and also worked on sequential and conditional batch jobs using the **Spring batch** framework.
* Used **Hibernate**, Object Relational Mapping (**ORM**) solution, technique of mapping data representation from MVC model to Oracle Relational data model with a SQL-based schema.
* Created spring beans, spring configuration files, auto-wiring, configured the property files via xml configuration,

writing **POJO classes for spring injection**.

* Wrote **REST APIs** in java to support internalization, and apps to help our buyer team visualize and set portfolio performance targets and developed Rest **Api** to processes the data from DB to another Rest Service. Used Java

multi-threaded **API** for processing large number of index files and calculating the Fee algorithms.

* Worked with **NoSQL** database **Mongo DB** and developed stored procedures.
* Supported the team with a Proof of concept of **application migration over to cloud** including container

technologies.

* Developed **UNIX shell scripts** to gather the inputs and execute the application based on the inputs.
* Worked on designing a CI-CD approach using **Jenkins, Maven AND GIT**.
* Developing **Docker** images to support Development and Testing Teams and their pipeline.
* Develop or validate test and Experienced with TDD methodologies with the use of **Junit,** **Mockito** etc.
* Worked with **RedHat6.x / Centos 6.x / Redhat7.x / centos 7.x** in developing web applications.
* Worked **with bash Shell Scripting** to automate manual processes. Scheduling of process using CRONJOB. Introduction of Servers into the network, Installation and configuration.
* Worked with Linux based **Docker images** and managed them and Used Linux based Docker images to recreate production environments to ensure safe application deployment, and was   
  responsible for regularly and successfully deploying to a cloud server.
* Implemented automated testing through **selenium** and worked with feature files, step definitions and page object

using **Selenium Web Driver** configured under Eclipse.

**Environment:** HTML, CSS, JavaScript, Angular JS, jQuery, Bootstrap, Spring MVC, Spring boot, Hibernate, JBOSS, XML, Java, J2EE, JSP, Junit, Mockito, SOAP, Maven, GIT, Docker.

**Client: Sherwin Williams, Cleveland, OH May’18 - Nov’18**

**Role: Full Stack Developer**

**Description:** It is a Paint, colors and Supplies Company, this CPR customer-processing project helps dealers for online web usage and payment processing. For adding Accounts, Updating, Set to Bad debts track of their accounts. Helps to maintain the Accounts and Payment processing**.**

**Responsibilities:**

* Involved in Full Life cycle implementation of the project and participated in the preparation of business analysis documentation.
* Worked on all phase of **Agile** development life cycle with 2-week sprints/Iterations, retrospectives and iteration planning meetings.
* Developed user interface screens and the validations using **HTML5, JSP, Angular JS 2/4,** **React Native**, **jQuery** and **CSS**.
* Developed the Services using **AWS Elastic Search**, Restful Services using JAX-RS and Java.
* Developed web applications using **J2EE** technologies like Java Server pages (JSPs), **Servlets** and **Hibernate.**
* Used **Spring Boot** framework for building cloud Micro Services and to develop **Spring** based application radically faster with very less configuration.
* Involved in creating the Hibernate **POJO** Objects and mapped using Hibernate Annotations for data persistence.
* Configured **Hibernate** second level cache using EHCache to reduce the number of hits to the configuration table data.
* Developed **RESTful** web services with Spring support to handle data transfer between internal systems with various other applications.
* Created SOAP based web services and generated **WSDL** files in a different project using Apache CXF, Maven using JAXWS and JAXB annotations.
* Developed database connection and **SQL** Queries to create dynamic content on web pages.
* Worked on **MongoDB** database concepts such as locking, transactions, indexes, Shading, replication, schema design.
* Implemented **JMS** to asynchronously send and receive messages, Error Tickets placed in Message Queues automatically generated and updated into database by **Remedy Trigger**.
* Used **JIRA** for bug tracking and testing.
* Tested web accessibility using screen readers like voice over in Mac, **NVDA with FF** and jaws with IE along with keyboard navigation.
* Involved in writing test cases for Unit testing **JUnit**, Module Testing and Integration Testing.
* Extensively used **Selenium**(xPath and CSS locators) to test the web application.
* Worked on **Docker** and Created **Jenkins** Jobs to automate Micro Services build, test and deployments.
* Deployed the application using **WebLogic** application server, performed Maven dependencies for the project, and used **GIT** as Version Control System.

**Environment:** Java, JavaScript, HTML, CSS, AngularJS, JSP, Hibernate, Eclipse, Maven, WebLogic, Selenium, Junit, MongoDB, JMS, JIRA, Jenkins, Docker, GIT.

**Client: Cox Automotive Inc, Atlanta, GA Jun’17- May’18**

**Role: Java Developer**

**Description:** The project is an initiative to provide online customers with the ability to find the inventory that is available at the dealer location. Without this system, customers must send the information via an email to the help desk consequently to Service Center and wait for their response to know the inventory that is available at the dealer. This system makes heavy use of common code (Cross Channel Sales and Servicing code) to access enterprise services.

**Responsibilities:**

* Involved in Design, Development and Support phases of **Software Development Life Cycle (SDLC)**.
* **Agile** methodology was followed and was involved in **SCRUM** meetings.
* Built Web pages that are more user-interactive using **jQuery** plugins for Drag and Drop, AutoComplete, **JSON, bootstrap, Angular JS, JavaScript.**
* Developed **UI pages** using **HTML, JavaScript, CSS** and **AJAX** with JSP and **Spring MVC**.
* Extensively used **Core Java** knowledge such as Collections, Exception Handling, etc. to implement the mortgage calculation algorithm.
* Utilized most of the **AWS** services like **S3** as a data store for storing the files that falls into the bucket, IAM roles, **Elastic Bean Stalk**, generated **Lambda** Functions to trigger an event.
* Developed **stored procedures** to pull necessary data according to business requirements. This data has been used for generating reports.
* Configured **Hibernate** and used Hibernate Annotations to map the java object -Oriented domain model to the **Oracle** database.
* to meet requirements for Extract, transformation, cleansing and loading of data from source to target **data structures.**
* Created **SQL** to retrieve the specific state’s interest rate from the **MySQL**.
* Created Typescript reusable components and services to consume **REST API’s** using Component-based architecture provided by **Angular 2**.
* Used multiple **JMS** queues and topics in PTP message domain.
* Involved in the **production support** of the application.
* Used **GitHub** for version control and **JIRA** for project and issue tracking.
* Developed components to fetch the data from the back end using **JSON**.
* Used **Cucumber**to write test cases for new modules.
* Worked on **Jenkins** Plugins for GIT Repository, Setup SCM Polling for Immediate Build with **Maven** and Maven Repository (Nexus Artifactory).
* Used **JUnit** framework for unit testing of application and **Log4j** to capture the log that includes runtime exceptions.

**Environment**:  java 7, Spring MVC, Spring JDBC, Servlets, JMS, XML, Rest, JavaScript, JSP, HTML, CSS, bootstrap, jQuery, Angular JS, Log4J, SQL, Cucumber, JUnit, Maven, GIT, Eclipse.

**Client: Evolent Health, Arlington, VA Aug ’15 – May’17**

**Role: Java/J2EE Developer**

**Description:** Evolent Health works for Pediatric Hospitals mainly focus on actions that can be taken to improve clinical and cost performance rather than being stymied by data quality by conducting ground breaking multinational clinical trials, managing national patient registries and performing outcomes research.

**Responsibilities:**

* Prepared **Functional** and **Non-Functional requirements** by analyzing the business requirements.
* Involved in web designing using **HTML 4, HTML5, XHTML, CSS 2/3, JavaScript** and extensively used Table Less Design in CSS for positioning.
* Implemented the page **GUI** pages by using **AJAX** to asynchronous communication.
* Back end coding and development using **Java Collections** including Set, List, Map, Multithreading, Servlet, Action, Action Forms, Java beans, Exception Handling etc.
* Developed web layer using **Spring** framework to manage the project in **MVC pattern** and then produced and consumed **RESTful** Web services using Spring MVC.
* Consuming and creating the **RESTful** web services using Jersey client.
* Handled the back-end operations using **SQL, PL/SQL**, **Stored procedures**, triggers and developed the persistence structure using ORM based **Hibernate.**
* Designed and developed Message driven architectures that consumed the **JMS** messages from the Java message queue and process the database updating and conversion.
* Developed **SQL** scripts to export and import data from the one database instance to other.
* Developed automation **unit test cases** using **JUnit** and Selenium Web driver on Eclipse and executed scripts on different browser and different platform.
* Used **Maven** for building the tools developed pom.xml files, Configured and maintained **Jenkins** to implement the Continuous integration process.
* Implemented Logging framework using **SLF4j.**

**Environment:** Springs, Hibernate, Web Services, AJAX, XML, Junit, JSP, Maven, JavaScript, SLF4j.

**Client: Live Wires Ltd, Hyderabad April ’13 - Jun ’15**

**Role: Java/J2EE Developer**

**Description:** TeamPay is a new product launched in the Canadian market which meets the Payroll needs of the small businesses. This is a web-based application on java platform with Rev IT controls, which helps the small businesses process their payroll in a single click. While making it easy for the users to enter their payroll data by

providing intuitive &amp; simple UI, hiding the complexities, it ensures that the payroll calculations comply with the Canadian payroll legislation. TeamPay also has features to administer the client’s HR and Benefits information.

**Responsibilities:**

* Design Use Cases, Sequence, ER-Diagrams and Class diagrams using **Rational Rose**.
* Involved in preparing design documents, developing use cases, identifying classes and Objects, drawing class diagrams, sequence diagrams using Rational Rose and identifying the design patterns, frameworks to be used during implementation.
* Designed and developed all parts of **HTML, CSS** and **JavaScript** web applications from scratch.
* Implementation of business logic and business objects s beans, **Struts.**
* Implementation of front-end application and Validations using **Java Script** and **JSP**.
* Implemented business objects and business/server-side logic of the system.
* Written Code for report generation and defect tracking using **Rally**.
* Converting the documents to meet accessibility standards including PDFs.
* Installed, configured and hosted the Tomcat app servers and MySQL DB servers on physical servers (Linux, Windows).
* Designed and implemented database schema Written Procedures, Triggers, Queries for Data Validation in **SQL**.
* Done Code Reviews and used Java Script for client validations.
* Worked in using WebLogic Application Server for deploying and testing the code.
* Used **MAVEN** as a build tools on java projects and written maven POM files from scratch for multi modules projects for development of build artifacts on the source code.
* Used **SVN** as a Version Control Tool.

**Environment:** Java, JDK, JSP, HTML, Struts, MYSQL, JDBC, CSS, JavaScript, Spring, SOAP, Maven, SVN.

**EDUCATION:**

Master’s in Computer Science and Information Systems, Wilmington University, New Castle, Delaware.