**Sahana Mobile no: 786-318-2367**

**Email id: sahanareddy874@gmail.com**

**Professional summary**

* Over 8 years of experience in the IT industry with a good command on design, development and test of client server, web based and distributed software applications by using **java/J2EE technologies** (**Core java, JDBC, Servlets, JSP, XML, Spring, JUNIT, Hibernate, and Restful API).**
* Working Experience in SDLC by using **Agile**, **Scrum** and Iterative system development methodologies.
* 3+ years of experience in Cloud computing infrastructure such as **Amazon web Services** (AWS)
* Experience and in-depth Knowledge of understanding in the strategy and practical implementation of AWS Cloud-Specific technologies **including EC2, EBS, S3, VPC, RDS, SES, ELB, Cloud Front, Cloud Formation, Elastic Cache, Cloud Watch, RedShift, Lambda, SNS, Dynamo DB**.
* Utilized Cloud Watch to monitor resources such as EC2, CPU memory, **Amazon RDS, DB services, DynamoDB** tables and **EBS volumes.**
* Handled operations and maintenance support for AWS cloud resources which includes launching, maintaining and troubleshooting **EC2 instances, S3 buckets, Virtual Private Clouds (VPC), Elastic Load Balancers (ELB) and Relational Database Services (RDS).**
* Developed API for using **AWS Lambda** to manage the servers and run the code in the AWS.
* Amazon **IAM** was used to maintain the user credentials and involved in creating custom IAM policies to various groups defined within the organization. Created **AWS Route53** to route traffic between different regions.
* Created **AWS Security Groups** for deploying and configuring **AWS EC2 instances**.
* Experience in designing and deploying a multitude application utilizing almost of the**AWS Stack including S3, EC2, DynamoDB, Kinesis, SNS and SQS.**
* Served the **ELK Stack** community with use cases and logstash plugin and actively participated in blogs and Q and A’s
* Experienced in migrating applications to AWS and application deployment in the cloud (AWS) with CI/CD tools like **Jenkins, Chef.**
* Worked with **Docker container snapshots**, attaching to a running container, managing containers, directory structure
* Development experience with java such as **OOPS Concepts, Strings, IO, Multithreading, Collections and Exception Handling**.
* Proficient in implementation of frameworks like **Struts, Spring, JSF, AJAX** frameworks and ORM frameworks like Hibernate.
* Experience of spring's **IOC, AOP**, Spring MVC and spring's integration with Hibernate technologies.
* Extensively used Hibernate in data access layer to access and update information from the Oracle database and used **Hibernate Query Language (HQL)** for writing the queries.
* Developed user interface screens and the validations using **HTML, XHTML, JSP, Angular JS, Bootstrap, jQuery, Node JS and CSS.**
* Extensive experience of using IDE tools **Eclipse 3.2, Netbeans7.1.2, IntelliJ** IDEA [ ] for JAVA/J2EEApplication development.
* Experience in writing **ANT, Maven build scripts**, providing logging facility using **Log4j** and Writing **JUnit** test cases.
* Developed Form Beans and Action Classes to model views and client-side functionality.
* Designed and implemented Product search java**Spring boot** service to fetch the data from Elastic help of Elastic native queries.
* Expert in Spring Boot which is radically faster in building cloud **Microservices** and develop **Spring** based applications with very less configuration.
* Designed & developed SOAP and Restful web services using **WSDL, SOAP, JAX\_WS, JAX-RS, CXF, AXIS, JERSEY, REST Template and SOAP UI.**
* Experienced in using **kafka** for streaming of data.
* Hands on experience using Messaging Services like **JMS, MQ Series (RabbitMQ**).
* Experience in RDBMS concepts and working with Oracle **9i/10g/11g, DB2and MY SQLPL/SQL, SQL\* Plus, Database triggers, Procedures, Functions.**
* Configured and used **JIRA** for bug tracking and functional testing.
* Having good knowledge in NOSQL data bases like **Dynamo DB** and **Mongo DB** Concepts-CRUD operations and aggregation framework.
* Experienced in Software Analysis and Design using Unified Modeling Language and Rational Rose.
* Deploy and manage applications on **JBOSS/Tomcat** J2EE server managed the codebase using **GIT**
* Hands-on experience in Source Code Management**, Creating Branches, versioning, tagging and managing Repositories using GIT, SVN.**
* Excellent analytical, problem solving, critical thinking, communication and inter-personal skills with ability to interact with individuals at ease.
* Experience in installing and configuring Linux/Unix/Windows-based web/App servers like **Tomcat, JBOSS, Web Logic and WebSphere** for Application deployments**.**

**TECHNICAL SKILLS**

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| Operating Systems | Windows, Linux |
| Java Technologies | **Core Java, Java Server Pages, Servlets, JDBC, Java Beans, IBM BPM 9.0, Multi-threading, Event Handling, Swing Web Services.** |
| AWS Cloud Technologies | **EC2, Elastic Beanstalk, IAM, Cloud Watch, Cloud Trail, App Engine, Cloud Formation, EBS, S3, Glacier, Route53, VPC, Lambda, Auto Scaling, Dockers, Redshift, SNS, SQS, SWS, SES** |
| Web Technologies | **JSP, Servlets, Struts, Spring, EJB, JMS, AJAX, JSTL, HTML, CSS, XML, XSL, XSLT, JavaScript, JAX-RPC.** |
| Application Servers | **Web Logic, Apache Tomcat, Web Sphere and JBoss.** |
| Build Tools & IDEs | **Maven, Ant, Eclipse, Net Beans, IntelliJ** |
| Databases | **MySQL PRO, MS SQL Server, SQL Plus, Oracle, MongoDB** |
| Frameworks | **Hibernate, Spring Boot, Spring MVC, AngularJS, NodeJS-Express,**  **Struts 1.1/2.0** |
| Testing | **JUnit 4.1, J-Mock, Easy Mock, Spring Test** |
| Design Methodologies | **Rational Unified Process, Agile, Scrum, Test Driven Development** |
| Version Control | **Rational Clear Case, SVN , CVS , VSS ,Team Foundation Server and GIT** |

**EDUCATION:**

* Bachelor of Engineering in Electronics and Instrumentation Engineering, Jawaharlal Nehru Technological University, India

**PROFESSIONAL EXPERIENCE:**

**Client: ADP LLC, Norfolk, VA June 2016-Present**

**Java/AWS Developer**

**Responsibilities:**

* Involved in the review and analysis of the Functional Specifications, and Requirements Clarification Defects, initiatives using Rapid Application Development.
* Experience on AWS services like **EC2, S3, RDS, ELB, EBS, VPC, Route53, Auto scaling groups, Cloudwatch, Cloud Front** and **IAM** for instantiating, configuring and managing various Amazon images for server migration from physical servers into cloud
* Experience in AWS**CodeCommit** for deploying projects using **Git repositories**.
* Experience on moving data from Local System to **S3 bucket**.
* Connect Cluster in SQL Workbench using Amazon Redshift Cluster
* Created monitors, alarms and notifications for **EC2** hosts using **Cloudwatch**.
* Managed AWS EC2 instances utilizing **Auto Scaling, Elastic Load Balancing** and **Glacier** for our QA and UAT environments as well as infrastructure servers for GIT.
* Captured **Amazon Machine Images (AMI's**) of EC2 Instance for snapshots and creating clone's instances for their application elsewhere. Developed Cloud Formation template stacks to automate building new **VPC**s using **JSON** files.
* Maintain the incoming traffic Auto scaling and load balancing by using **App Engine**.
* Performed deployment of applications on IBM **WebSphere Application Server**.
* Used in serving web content to other regions using **S3, cloud Front** through the **CDN (content delivery network**).
* Developed front end using the **JSF, JSTL, XML, HTML5, CSS3, JavaScript, JQuery and AngularJS**.
* Involved in the development of the User Interfaces using **JSP, JQuery** and client side validations   
   using **JavaScript** and **CSS**.
* Implemented customers wallet management services (create wallet, update wallet, delete wallet) using **SpringBoot** and **Microservices.**
* Implemented **MVC architecture** by using **Struts/Swings** to send and receive the data from front- end to business layer.
* Created several custom tags for JSP for maximum re-usability for user interface components.
* Used **JDBC** calls in the **JSP** to access **MySQL Database**, struts Action Servlet to route the request to corresponding Action Classes.
* Used Struts Validator Framework to do validations and **AJAX** for implementing part of the functionality for Customer Registration, View Customer information modules.
* Performed **Unit Testing** and interacted with QA for testing.
* Good experience in debugging the application by running the server in debug mode and having the experience in usage of **log4J** to persist the data in log files.
* Involved in implementing validations, **exception handling**.
* Involved in **Spring** and **Hibernate** Integration.
* Used **CVS** as source control, **Maven** as build tool, **agile methodology** for the software development   
   process.
* Worked extensively with Microsoft Visio for creating Use case diagrams, sequence diagrams and system flow.

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| Environment: Java, AWS (EC2, S3, Lambda, Glacier, VPC, EBS, RDS, ELB,),App Engine, JSF, JSTL, XML, HTML5, CSS3, JavaScript, JQuery, AngularJS, JSON, MYSQL, JUnit, Maven, spring, Hibernate, Struts, WebSphere, Web Services |

**Client: MAXMIAS, SACRAMENTO, CA Aug 2015 –May 2016**

**Java/AWS Developer**

**Responsibilities:**

* Involved in requirement gathering with the business users and also preparing the requirement document.
* **Agile methodology** was used to develop the application
* Involved in designing and deploying a multitude application utilizing almost of the AWS Stack including **S3, EC2, DynamoDB, Kinesis, SNS and SQS.**
* Developed java API to connect with AWS S3 Services for storing and retrieving data stored in the S3 buckets
* Used AWS SDK to connect with **Amazon SQS** for bulk email processing.
* Managed Data backup and archiving on AWS using **S3** and **Glacier.**
* Created customized **AMI**s based on already existing **AWS EC2 instances** by using create image functionality hence using this snapshot for disaster recovery.
* Created AWS **Multi-Factor Authentication (MFA**) for instance RDS/SSH logon, worked with teams to lock down security groups.
* Deployed applications on AWS by using **Elastic Beanstalk**.
* Used **NodeJS code** in **AWS Lambda** Functions.
* vaDeveloping web applications with a **Dynamo DB, Mongo DB, Elastic Search data store**.
* Worked on setting up and configuring **AWS EMR Clusters** and Used Amazon IAM to grant permissions on AWS resources to users
* Performed Log analysis using **ELK Stack** and created monitoring charts
* Designed the user interface of the application using **HTML5, CSS3, JSF 2.1, JavaScript and AJAX.**
* Used **Spring MVC architecture** to separate the presentation logic, control flow with business logic.
* Developed test cases by using **JUnit** and **spring integration test framework**.
* Focused on architecting **NoSQL databases** like **Mongo DB, and Cassandra database.**
* Authentication and security in Apache **kafka** pub-sub system.
* Designed and developed the persistence layer using **Hibernate** persistent objects.
* Worked on **java Script** libraries like **jQuery** and **JSON**.
* Created Typescript reusable components and services to consume **REST API's** using Component based architecture provided by angular 2.
* Worked with **GIT Version control system** to track various aspects of the project.
* Developed build script using **MAVEN** to build, package, test and deploy application in application server.
* Set up Continuous Integration for major releases in **Jenkins**.

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| Environment: Java, J2EE, Hibernate, React JS, Spring, Junit, Mongo DB, Cassandra, Web Logic, HTML5, CSS3, JavaScript, jQuery, Linux, Kafka,Eclipse, AJAX, Angular JS, NodeJS, JSON, JSF, AWS EC2, S3, VPC, RDS, Dynamo DB, Route53, EBS, Elastic, Load Balancer, Auto Scaling groups, SQS, Kinesis. |

**Client: Ascension Health, St.Louis, MO Feb 2012- July2015**

**Sr. Java/J2EE Developer**

**Responsibilities:**

* Involved in gathering requirements, deriving functional requirements and system requirements from the Business Requirements.
* Worked as onsite coordinator and module lead for Implemented **JSP, spring, java Script** and **CSS** for developing User Interfaces.
* For exchanging the text and communication with web service **JSON** is used extensively.
* Experience in Object relational Mapping frameworks such as **Hibernate**.
* Experience in writing PL/SQL Stored procedures, Functions, Triggers and Complex SQL's.
* Developed Rich UI applications using **JavaScript, JSP, HTML and CSS**.
* Used JAX-RS servlet to implement the **restful web services**
* Played role of middle tier developer using hibernate framework to generate custom report and to improve the performance of query.
* Implemented Collection Framework and used the Thread, I/O functionalities for meeting access.
* Used Hibernate for database and also to manage Transactions.
* Hibernate as an ORM tool for OR mappings and configured **hibernate.cfg.xml and hibernate.hbm.xml** files to create the connection pool.
* Hibernate Persistence Strategy is used for database operations and Developed Hibernate as the data abstraction to interact with the database
* Developed and implemented Software Release Management strategies for various applications according to the **agile process**
* Define data transfer process through asynchronous web service using **REST (HTTP**) and tested the Restful Services using Webpage by using **XML** and **JSON format**.
* Extensively used **JUnit** for **Unit Testing**
* Written SQL queries for performance improvement and refactored the queries for business reporting for different database such as Microsoft SQL, Oracle data at enterprise level.
* Integration with the **J2EE Services layer** of Unity Platform, using spring application context.
* Introduced the spring based architecture for the newly designed UI Infrastructure services to interact with the legacy services.
* Extensively used Eclipse 3.2 with Debugging and Development.
* Managed Source Control and Version Control using **CVS**.
* Deployed the project in the **WebLogic Application server**.

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| Environment: JDK , JSP , Spring , Hibernate , HQL, Web Services (REST), JSON, JDBC , JavaScript, HTML, servlet, CSS, JSP, Spring MVC, Servlet XML , AJAX, Eclipse 3.7, WebLogic PL/SQL, Oracle 10g, Windows, CVS, Maven, RDMBS. |

**Client: Triniti Advanced software, India June 2010-July 2011**

**Java developer**

**Responsibilities:**

* Involved in gathering and understanding of customer requirements, analysis and design.
* Developed middle tier business logic using POJOs with Spring based transaction managers.
* Worked extensively on Web **Services, XML, JMS and Message Driven Beans, Spring Controller**.
* Actively involved in designing and implementing **Business Delegate, Data Access Object, and Session Façade and Data Transfer Object design patterns.**
* Demonstrated strong competence on implementing SDLC phases of crucial applications in the Marketing domain.
* Extensively worked in creation of **NoSQL data models**, data loads with bloom filters and TTL columns in column families.
* Designed, implemented and deployed **J2EE web application** using **Spring MVC** and **Hibernate** developed persistence layer using Spring JDBC template and Hibernate Template.
* Developed automatic build scripts using **ANT** for the application to deploy and test.
* Implemented a Web Services layer **SOAP &<REST/JSON>,** using Axis 2, into their existing product.
* Used **RabbitMQ** as asynchronous messaging solutions to enterprise integration solutions.
* Implemented Test Driven Development using **JUnit**, Advanced Rest Client and Log4j in developing test cases and determining application functionality.
* Used Tiles Framework for Presentation layer and Validation Framework for validations.
* Designed and developed a web-based client using **Servlets, JSP, Tag Libraries, Java Script, HTML and XML using Hibernate Framework.**
* Developed POJO for data modeling of account information, portfolio and transaction history and customized **Spring Bean** Factory.
* Used **SVN, GIT** as Subversion for software version control.
* Worked with **Angular JS** to create single page applications using directives, controllers and services concepts.
* Design and development of many **PL/SQL** batches using JAVA with connectivity to Oracle for data maintenance and handling.
* Installed WebSphere Server for handling **HTTP Request/Response**. The request and response from the client are controlled using Session Tracking in JSP.
* Used Hibernate as persistence framework mapping the ORM objects to table using **Hibernate annotations**.

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| Environment: SDLC phases, J2EE, JDK 1.7., Spring MVC, Hibernate, Apache ANT, JSP, HTML, JavaScript, SOAP ,JSON,JMS, SVN, GIT, Angular JS, PL/SQL, Data Pipeline, WebSphere Server. |

**Client: Digitrix Technologies, India March 2009-May 2010**

**Java Developer**

**Responsibilities:**

* Created the User Interface screens using **struts MVC** for logging into the system and performing various operations on

Network elements.

* Develop and test new features, incremental changes, and bug fixes to a production-ready state using agile development

Processes.

* Designed and developed the UI components using **JSP, HTML, CSS3, JavaScript, jQuery, Bootstrap**.
* Developed web application using **Struts Framework**.
* Used **MySQL** as backend Database.
* Extensively used **java multi-threading** to implement batch Jobs with JDK features.
* Use **Eclipse** and **Tomcat web server** for developing & deploying the applications.
* Used Struts Validation framework for Client side validations and Server side validations.
* Extensive exposure in Analysis, Design, Development and Implementation of large-scale, secure and Internet/Intranet applications using **javaJ2EE technologies**.
* Experience in various databases Oracle**, DB2, PostgreSQL and SQL Server**.
* Worked on enhancements using JSP**, Struts, database stored procedures** and **wrote SQL queries**.
* EJBs are created for Backend operations. Hibernate is used for Database persistence.
* Developed web based email client to send emails from application using java Mail **API.**

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| Environment: Java, J2EE, JSP, EJB, Struts, WebSphere, Web Services, Hibernate, JMS, XML, XSL, HTML, JavaScript, CSS, AJAX, SQL Server, MYSQL |