**Aditya Mettu**

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**Summary**

Aditya is an IT professional with AWS Certified over 8 years of experience in developing Web-based applications, and implementing Object Oriented Programming (OOPS) with Java. Has experience in AWS Cloud services. He has experience in all phases of Software Development Life Cycle (SDLC) including Requirement Analysis, Coding, Implementation analysis, architecture, development, unit test, integration test, system test, and maintenance. He has worked mainly in the Banking, Healthcare and Insurance domains.

Aditya’s expertise includes –

* Software architecture patterns like as Test-driven development (TTD)
* Programming using Agile/SCRUM methodology with iterative and incremental software development
* Object Oriented Design and Programming, and SOA (Service Oriented Architecture)
* Different IDEs like Eclipse and NetBeans
* Using Design Patterns like Singleton Pattern, Abstract Factory Pattern and Observer Pattern for reusing efficient and effective strategies for new developments
* Using Database application designs and implementation using Oracle, MySQL
* Database Design, Creation and management of Schemas, writing Stored Procedures, functions, Triggers, DDL, DML SQL queries
* Writing SQL and PL/SQL programming
* Development experience on AJAX / JavaScript technologies and good knowledge on SOA and MVC architectures
* Experience in NOSQL data bases like Dynamo DB and Cassandra.Setting up and administering DNS system in AWS cloud using Route53.
* Experience in AWS infrastructure like IAM, EBS, Auto Scaling and Security Group in Cloud Formation JSON templates and some internet technologies including TCP/IP and HTTP.
* Working with MVC architecture, and ORM persistence frameworks like Hibernate and Spring framework
* Developing applications using JAVA, Web services, JDBC, JSP, Servlets and HTML
* Experience in Service Oriented Architecture (SOA) and developing Java Web Services using WSDL, SOAP, REST, AXIS, XFire, JAX-WS, UDDI, WS-Security
* Developing AXIS2 web services using SOAP, WSDL and HTTP
* Experience involving configuring S3 lifecycl0e and versioning policies to and backup files and archive files in glacier.
* Involved in developing ETL jobs for Data Integration using SSIS and Data Stage.
* Using JUNIT to write test cases for unit testing
* Integration, functional and user acceptance testing
* Developing and deploying Java/J2EE applications on Application Servers - Apache Tomcat, WebLogic, and JBOSS
* Using Front End Technologies such as HTML, JavaScript, jQuery, Angular JS, AJAX and CSS for developing UI for the applications
* Writing Maven build scripts and setting up Maven dependencies for Java Application deployments
* Sub Version Control (SVN) Repository

Aditya is a highly self-motivated and goal-oriented team player with strong analytical and problem solving abilities, and good communication and interpersonal skills. He also has strong debugging skills and possesses the ability to learn new concepts and technologies quickly.

**Educational Background**

* Masters in Information Technology – Southern New Hampshire University, NH
* Bachelor of Technology – Srinidhi Institute of Science and Technology, India

**Certification:** AWS Certified

**Technical Skills**

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| **• Languages** | C, C++, Java, SQL, PL/SQL |
| **Client Scripting** | HTML, CSS, XML, JavaScript |
| **Java Technologies** | Core Java, JDBC, JSP, Servlets, J2EE, Java Beans, AJAX |
| **Frameworks/Architecture** | Spring Framework, Hibernate, Spring MVC |
| **Design Pattern** | Abstract Factory Pattern, Singleton, Data Access Object, Session Facade |
| **Web Servers** | Apache Tomcat, WebLogic, JBoss |
| **Databases** | Oracle, Microsoft SQL Server, MySQL, Mongo |
| **IDE** | Eclipse, Net Beans |
| **Webservices** | SOAP, WSDL, UDDI, JAX-RS, REST-Jersey, JAX-WS, AXIS, JERSEY |
| **Build Tools** | Maven, ANT |
| **Design and Debug Tools** | Log4J, XML, Microsoft VISIO, Rational rose, Putty, SOAP UI |
| **ETL/Reporting Tools** | SSRS, SSIS and Data stage |
| **Cloud Console** | Elasticcache, Ops Works, code commit, code pipeline, config, Server migration, Amazon EMR, Redshift, storage Gateway, API Gateway, workflow,IAM, VPC, Snowball, SES, SNS, SWF, AWS SDK'S, Pinpoint. |
| **Testing Frameworks** | Junit |
| **Version Control** | Sub Version (SVN) |
| **Methodologies** | Agile, Scrum |
| **Platforms** | Windows Family, Cent OS, Unix |

**Professional Experience**

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| ***Mayo Clinic Duration: May 2015 – Till date*** | | | |
| **Role** | **Sr. Software Developer** | | |
| **Main Technologies** | Java/J2EE, JSP, JSON, Servlet, Spring framework, Spring MVC, Hibernate, Agile Methodology, XML, Java Beans, Design Patterns, Jenkins, WebLogic, WebSphere, RESTful Webservices, TestNG PHP, Docker, ZK Framework, Log4J, JUnit, SVN, Eclipse, Maven, OracleDB, MongoDB, UNIX, Elasticcache, Ops Works, config, Server migration, Amazon EMR, Redshift, storage Gateway, API Gateway, workflow,IAM, VPC, Snowball, SES, SNS, SWF, AWS SDK'S, Pinpoint. |
| **Responsibilities** | * Involved in Analysis and Implementation translation of Business User requirements. * Practiced test driven development (TDD) to expedite the development process. * Designed and developed service layer using spring with Inversion Control. * Involved in creating Server instances on AWS. Used Tomcat, Hawtio and Swagger for deploying Micro-services. * Configured, deployed and support of cloud services including Amazon Web Services. * Involved in configuring auto scalable and high available microservices set with monitoring and logging using Docker. * Installed, Configured and Managed Docker Containers, Docker Images for Web Servers and Applications servers such as Apache, Tomcat using Docker and integrated with Amazon MySQL RDS database. Experienced and proficient deploying and administering GIT. * Involved in zk framework migration process. * Involved in multi-tiered J2EE design utilizing Spring Inversion of Control architecture Spring MVC, Spring Annotations, Spring Transactions, Hibernate and JDBC. * System was built using Model-View-Controller (MVC) architecture with Spring. * Used MongoDB as Database and as a Dbass(Database as a service). * Experience on practical implementation of cloud-specific AWS technologies including IAM, MFA, Elastic Compute Cloud (EC2), Simple Storage Services (S3), Route 53, Cloud Formation, Elastic Bean Stalk, Virtual Private Cloud (VPC), RDS and Cloud Watch. * Involved in maintaining the user accounts (IAM), RDS, Route 53 services in AWS Cloud. Created Snapshots and Amazon Machine Images (AMI's) of EC2 Instance for snapshots and creating clone instances * Experience on Cloud Formation template stacks to automate for building new VPC's using JSON files * Implemented data access using Hibernate (Object Relational Mapping Tool) persistence framework. * Involved in integration of Hibernate OGM for MongoDB. * Involved in data integration process using SSIS. * Involved in Data mart loading using IBM Data Stage. * Designed a REST API based webservice for the security and identity management. * Handled JSON/XML data from the connected to Spring MVC controller and displayed in the respective controls using jQuery and PHP presentation layer * Developed the configuration files and the classes specific to the spring and hibernate components. * Created hibernate mapping files to map the POJO to DB tables and managing associations. * Developed SQL queries to store and retrieve data from database * Designed and developed various stored procedures, functions and triggers in PL/SQL to implement business rules. * Actively participated in the daily SCRUM meetings and paired programming to produce quality deliverable within time. * Interacting with QA team and Business team to resolve defects. * Configured and customized logs using Log4J * Developed application using ZK framework which is a combination of AJAX and JavaScript. | | |
| ***Bank of America Duration: Jun 2014 – April 2015*** | | |
| **Role** | **Sr. Software Developer** | |
| **Main Technologies** | Java/J2EE, JSP, Servlet, Spring framework, Spring MVC, Hibernate, Agile Methodology, XML, Java Beans, Design Patterns, WebLogic, RESTful Webservices, Log4J, JUnit, SVN, Eclipse, Maven, OracleDB, UNIX | |
| **Responsibilities** | * Was involved in Analysis and Implementation translation of Business User requirements * Practiced test driven development (TDD) to expedite the development process * Designed and developed service layer using spring with Inversion Control * Implemented the application using the concrete principles laid down by several design patterns such as Session Facade, Abstract Factory Pattern, Singleton, Data Access Object * Was involved in multi-tiered J2EE design utilizing Spring Inversion of Control (IOC) architecture Spring MVC, Spring Annotations, Spring Transactions, Hibernate and JDBC * Built system using Model-View-Controller (MVC) architecture with Spring * Implemented data access using Hibernate (Object Relational Mapping Tool) persistence framework * Developed the configuration files and the classes specific to the spring and hibernate components * Implemented the Business objects and configured those objects in spring configuration file * Created hibernate mapping files to map the POJO to DB tables and manage associations * Developed Web Services using Restful with Spring MVC and developed DTDs, XSD schemas for XML (parsing, processing, and design) to communicate with Active Directory application using Restful API * Developed SQL queries to store and retrieve data from database * Designed and developed various stored procedures, functions and triggers in PL/SQL to implement business rules * Participated in the daily SCRUM meetings and paired programming to produce quality deliverable within time * Interacted with QA team and Business team to resolve defects * Performed preparation of test cases and unit Testing using JUNIT * Configured and customized logs using Log4J * Was involved in installing and configuring Eclipse and Maven for development * Designed and implemented system scripts on a Unix and Windows platform | |
| ***NTT DATA Duration: May 2012 – Jun 2013***  ***Client: Hanover - US*** | | |
| **Role** | **Software Developer** | |
| **Main Technologies** | Core Java, J2EE, Oracle, XML, Servlet, Tomcat, Windows XP, Rest WebServices, Spring, Hibernate, Eclipse, Maven, JUnit, JQuery, AngularJS, SVN, SQL, PL/SQL | |
| **Responsibilities** | * Was involved in the phases of SDLC including Requirements Collection, & Analysis of the Customer Specifications, Development and Customization of the Application * Identified the technical areas that contributed to the issues and documented them * Used Spring Model View Controller Framework and Achieved Dependency Injection using Spring IOC * Developed DAOs (Data Access Object) using Hibernate as ORM to interact with DBMS-Oracle 10g * Used Hibernate Framework for ORM Mapping and created mapping classes required * Implemented Web Services under RESTful Architecture * Was responsible for Back end coding and development using Java Collections including Set, List, Map, Multithreading, Servlet, Action, Action Forms, Java beans, and Exception Handling * Used Design Patterns like Façade, Singleton and Factory Pattern * Used JavaScript for client-side validations and Created UI with HTML, CSS & JavaScript (JQuery) with AngularJS, created Dynamic Reach Design Layout with JSP * Developed database Schema & populated data using SQL statements, PL/SQL Functions, Stored Procedures, Triggers, Bulk uploads * Deployed the java application using Maven build script * Implemented test cases using JUNIT * Used SVN for version control | |
| ***NTT DATA Duration: Jul 2011 – Jun 2012***  ***Client: Everything Everywhere -UK*** | | |
| **Role** | **Software Developer** | |
| **Main Technologies** | Java, J2EE, Javascript, JSP, SQL, JDBC, JUnit, XML, HTML, Eclipse 3.1 IDE, XSLT, Apache Tomcat | |
| **Responsibilities** | * Interacted with customers and identified System Requirements, and developed Software Requirement Specifications * Implemented Java design patterns wherever required * Used HTML, CSS and JavaScript framework for creating Dynamic Reach Design Layout with JSP * Was involved in development, maintenance, implementation and support of the System * Was involved in initial project setup and guidelines * Implemented Multi-threading concepts * Developed the application using Core Java, J2EE and JSPs * Installed and deployed in Tomcat server * Developed SQL Statements for searching contractors depending on Selection Criteria * Carried out different types of testing like Unit, System, Integration testing etc. during the testing phase | |