

Madhusudhan Madhireddy

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Objective

- [AWS Certified Solution architect associate](#) with having 6+ years and above experience in in Application designing, developing, analysis and implementation.
- Good experience on working with Amazon Web Services like EC2, S3, Amazon RDS, Amazon Application Load Balancing, Amazon SQS, AWS Lambda, AWS Cloud Watch, Amazon EBS and Amazon Cloud Front.
- Experience in utilizing algorithms and data structures to perform actions on data.
- Hands on experience on Collections, Multithreading, Exception Handling and good experience of debugging code and resolving issues.
- Designed and developed web application using Spring, Hibernate, SOAP, RESTful, AJAX, XML, HTML5, JavaScript and Bootstrap.
- Experience in applying the latest software development approaches including MVC.
- Well versed using JavaScript and jQuery for manipulating the mark-up and data operations using AJAX.
- Sound Understanding and good Experience with Object Oriented Programming Concepts, Object Oriented JavaScript and Implementation.
- Good understanding in implementing web application using Angular JS and Ext JS framework.
- Experience in developing reusable and interoperable Web Service modules based on SOA architecture using SOAP and RESTful.
- Hands on experience on consuming and creating REST API between different systems.
- Good experience working with large databases and Able to interact effectively with other members of the Business, Quality Assurance, Users and other teams involved with the System Development Life cycle.
- Involved in daily SCRUM/AGILE meetings to keep track of the ongoing project status.
- Created cloud environment using AWS and deployed projects for micro services using Jenkins.
- Worked extensively with IDE's like Microsoft Visual Studio, SAP GUI, IntelliJ and NetBeans.
- Experience in working on version controller tools like GitHub (GIT), Subversion (SVN)

Education

Master's in computer science, Texas A&M University – Kingsville, Texas.	Dec 2015
Bachelor's in computer science and Engineering, JNTU – Hyderabad, India.	May 2012

Skills

Programming Languages:	Java, C, C++ and ABAP
Web Technologies:	JavaScript, CSS, HTML, Bootstrap, ExtJs, SQL, AngularJS
Frameworks:	Springs, Struts, Hibernate
Build & CI:	Jenkins, Maven
Cloud Environments:	AWS
Methodologies:	Agile
Database:	Oracle, SQL Server, MySQL, PostgreSQL, MarkLogic
Defect Tracking:	Jira, Version One

Project Details

LexisNexis, Raleigh, NC

Dec-2019-present

Software Engineer

- Developing Legal and professional solutions for law firms.
- Developing different APIs to communicate with No SQL data base.
- Working with AWS to deploy projects and check system health and performance.
- Design AWS Cloud Formation templates to create SQS, LAMBDA and EC2. Created scripts in Python to process the SQS messages in AWS-Lambda.
- Initiating alarms in CloudWatch service for monitoring the server's performance, CPU Utilization, disk usage etc. to take recommended actions for better performance.
- Implemented REST APIs Using Spring and spring boot. Implemented asynchronous method calls handling using multi thread utilization.
- Memory optimization while handling large amount of data.
- Writing Junit test cases and Jenkins jobs in groovy.

Verizon, Irving, TX

Sep-2019-Dec-2019

Systems Engineer

- Developing automation tool for wireless communication billing system.
- Used spring boot fetch the data and modify and according testing scenarios.
- Front end developed using thymeleaf.
- Implemented dynamic scenarios for different billing usages with JSON configuration.
- Used python to monitor the different systems.

Sun west Mortgage Inc, Buena Park, CA

Oct. 2016 – Aug-2019

Software Engineer

- Developing different software for Reverse Mortgage and Servicing for Sun West Mortgage.
- Worked on complete Agile Development, story grooming, estimations, retrospectives and spring planning.
- Worked with Streams, lambda's and functional interfaces using Java. services, views, directives navigation through the different status and multiple modules.
- Used other front-end technologies such as Java 8, JavaScript, JQuery, HTML5, CSS and Bootstrap.
- Implemented the Project structure based on Spring MVC pattern using Spring Boot.
- Integrated Spring ORM frameworks Hibernate for database operations with ORACLE.
- Designed Web pages, Web forms using Server controls, Springs, Hibernates.
- Programing for mortgage calculations and reports generation.
- Strong experience in SQL, PL/SQL, Tables, Database Links, Materialized Views, Sequences, Stored Procedures, Functions, Triggers, Joins, Unions, Cursors, and Indexes in Oracle.
- Written Cron job to run automated reports to run on time basis without any manual process.
- Provided RESTful Services to third parties to access data related loan servicing.
- Used GIT for version control and Jira for bug tracking and task tracking.

Denken Solutions, Irvine, CA

Feb. 2016 – Sep-2016

Programmer analyst

- Used Java in developing the Business logic, where in extensively implemented the Object-Oriented Programming functionalities.
- Designed, coded, implemented, optimization and tested new features and modules for the derivatives system as part of an Agile team and improved automation test suites.
- Designed User Interfaces, Web pages, Web forms using Server controls, HTML and JavaScript,

AngularJS and Bootstrap to enhance UI experience on Client-side.

- Implemented OOPS concepts like Inheritance to develop Base common and Base Secure modules.
- Developed REST Web Services clients to consume those Web Services as well other Enterprise Wide Web Services.
- Developed Stored Procedures, Functions, Views and Triggers for Data Manipulation.

Texas A&M University, Kingsville, TX

Jan. 2015 – Mar. 2015

Academic Android Projects

- Tic-Tac-Toe Game implements the functionality for playing the game and determining a winner. In this we developed 5x5, 4x4 and 3x3 games with using different styles.
- Developed Calculator app calculates advanced calculations like power and square roots and also we developed some binary calculations like AND, OR and NOT. And make this to more flexible to user.

Vistex Asia Pacific Private Ltd., Hyderabad, India

Aug. 2012 – July 2014

SAP Developer

- Served as a SAP Developer in Vistex application development and UI development Teams
- Developed an application to analyze, and to know status of Vistex-Agreement relating with the other applications.
- Developed different reports based on Vistas'13 event customer survey and printing survey details into document.
- Developed an application to manage participants of vistas'13 event and mobile application for participants about event and taking survey from that app.
- Developed Odata services for the desktop and mobile applications with JSON data.
- Provided dynamic questions and dynamic options to do survey by attendees through mobile using Odata services.
- Developed an application that give flexibility to design customized UI application and deploying in their systems.
- Developed different elements like multi select dropdown and roadmap for application status.

Talent IT Services, Hyderabad, India

Nov. 2011 – May. 2012

Software Engineer - Intern

- Designed the Front-end screens (GUI) using JSP, Servlets, HTML and JavaScript.
- Developed the Action Classes, Action Form Classes, created JSPs using Struts tag libraries and configured in Struts-config.xml, Web.xml files and Created tables and stored procedures and maintained in Database