

SANDHYA SRI VASIREDDY

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SUMMARY:

- 8+ years of experience in writing production code and delivering features for end-users using **Java, Python, Spring MVC, Hibernate, MySQL**.
- Design, develop, refactor, test, and maintain new features and improve existing code base using Java, JavaScript, Angular, SQL, HTML, CSS, Ext JS, JUnit and Eclipse.
- Merge code between different branches and manage revisions using version control tools like GitHub and Bitbucket.
- Participate in client meetings, design sessions, deployments, production support activities and on-call activities.
- Willingness to learn new technologies and take initiatives, drive collaboration with internal/external teams.
- Exposure to all the phases of lifecycle in Analysis, Design, Development, Testing, Integration, Deployment and Maintenance.
- Good knowledge of Core Java, Multi-threaded programming, and design patterns.
- Experienced in the functional usage and deployment of applications in Apache Tomcat.
- Having good knowledge in the databases MySQL and Microsoft SQL Server.
- Good Knowledge in Object Relational (ORM) mapping tools like Hibernate.
- Experience working with developing web services using REST and SOAP Protocols.
- Possess deeper understanding of REST protocol, Security guidelines and best practices.
- Experienced in handling on-call customer issues, ticketing, and monitoring tools like ServiceNow, JIRA.
- Designed and developed Test Suites and automated them using various frameworks and languages such as JUnit, Python.
- Possess Problem solving, troubleshooting skills, analytical skills in both strategic and tactical areas.
- Experience in interacting with Clients, Developers, UAT users and Testing team.
- Excellent interpersonal, communication, documentation, and presentation skills.

SKILLS:

- Java Technologies : Java, JDBC, jQuery, SOAP, REST API,
- Programming Languages : C, HQL, Java, Python, SQL
- Frameworks : MVC, MVVM, Spring, Angular
- Databases : MySQL, Oracle 8i, SQL Server, Stored procedures
- Web Technology : AJAX, CSS, HTML, JavaScript, JSON, XML
- Web Servers : Apache Tomcat
- IDE : Eclipse, IntelliJ, MySQL Workbench, Microsoft SQL Server Management studio 18
- Version Control Software : Bitbucket, GIT, GitHub
- Methodologies : Agile, Scrum
- Middle Ware : Hibernate, JDBC
- Operating Systems : Windows, Mac, Linux
- ALM / Ticketing Tools : ServiceNow, JIRA
- Logging tools : Log4j
- Other tools : Jenkins, JUnit, Dynatrace, Grafana, JWT
- Operating Systems : Windows, UNIX, Mac OS

PROFESSIONAL EXPERIENCE:

Amazon Web Services, Boston, MA Software Development Engineer

Apr 2022 – Jun 2023

- Implemented a new notification feature for logging and notifying customers regarding time skew in their Gateway.
- Developed controllers and services for handling the requests using Spring boot.
- Edited and tested a batch script which sets permissions for the Gateway admins.
- Created integration tests to validate the time skew notification and verify the rename loop edge cases on the File Gateway.
- Performed release activities including creating release candidate branches for the new version of File Gateway, lifting feature flags, and placing customer's gateway in different release groups.
- Used OOPs design and Core Java concepts such as collections, multi-threading, and exception handling.
- Utilized a Grafana-based data analytics dashboard for obtaining real-time insights for the health and performance of File Gateway architecture components.
- Handled on-call duties responding to service alarms and customer tickets.
- Monitored and analyzed AWS service logs using CloudWatch to find anomalies.

Environment: Amazon Web Services, AWS CLI, Amazon CloudWatch, Git, Java, Agile methodology, Grafana, Linux

AT&T, Atlanta, GA Java Developer

Feb 2020 – Mar 2022

- Designed and developed web applications using Angular7/8, HTML and JSP.
- Implemented responsive UI designs using HTML5, CSS JavaScript, jQuery, and AJAX.
- Developed reusable components and services that improved code efficiency by 10%
- Wrote test cases for unit testing using JUnit framework and ensure test coverage of more than 90% on all applications.
- Worked with GIT for version control and GitHub for pushing and pulling code.
- Used DevOps, agile principles, and Jenkins to enable CI/CD.
- Developed and deployed Angular applications.
- Collaborated with other teams to design and implement technical solutions to some critical bugs in the service.
- Prioritized tasks in backlog and cleared the priority tasks proactively.
- Worked on security policies to secure the APIs using APIKey, OAuth.
- Reviewing development and test activities through daily Agile Software development stand-up meetings.

Environment: AJAX, Angular, CSS, GitHub, HTML5, Java, JavaScript, jQuery, JSP, JSF framework, JUnit, JWT

Capital One Java Developer + QA/Prod Support

June 2018 – Dec 2019

- Used JIRA to track tickets in each sprint.
- Responsible for troubleshooting and debugging according to tickets created for bugs and errors in the order of priority.
- Performed CRUD operations by executing SQL scripts for maintaining Database.

- Wrote complex SQL queries for obtaining data from different databases.
- Developed key performance indicators in Python to analyze the performance of scheduled database backups.
- Created Ansible playbooks using YAML scripts to automate deployment and post-deployment tasks which reduced the time taken for deployment by 50%.
- Automated sanity testing and smoke testing process using Python scripts to reduce the time taken per person on each server by 60%.
- Performed SOA/web service testing using Postman.
- Monitored alerts and alarms for different services using Dynatrace.
- Created reports to monitor/report the status of the services in the Dev environment.
- Estimated work necessary to realize a requirement/story through the delivery life cycle.
- Used Agile methodology and involved in the iterative approach.

Environment: Ansible 2.7.0, Azure DevOps, Bitbucket, GitHub, Jenkins, JIRA, Postman, Python, Quali CloudShell, SQL Server 2014, Unix, XAML, YAML, Dynatrace

Citi Group

June 2015 - June 2018

Software Engineer

- Created UI utilizing Spring MVC and gave access to database using hibernate
- Migrate existing applications into micro services architecture using **Rest APIs**
- Developed front-end components using **HTML, JavaScript.**
- Consumed **SOAP** and **Rest** Webservices.
- Used strong implementation in handling JavaScript for Ajax Request and response using JSON.
- Developed server-side application which handles the database control with the back-end database utilizing JDBC.
- Wrote complex HQL queries for obtaining data from different objects.
- Used JUnit for creating test cases and check the errors and fix it during development phase.
- Extensively used Oracle database to test the Data Validity and Integrity for Data Updates, Deletes & Inserts.
- Performed complex data validation using SQL queries.
- Used log4J for tracking and logging the error messages.
- Worked with Git Bash to commit code to Bitbucket and maintain version control on the application.
- Handled and tracked development tasks using JIRA software as part of an Agile project team.
- Build the application without any errors and deploy it to production servers using Jenkins.
- Setting up all dependencies and pre-requisites in production and development servers.
- Involved in continuous integration and continuous deployment (CI/CD) process.

Environment: AJAX, Bitbucket, Git Bash, HTML, HQL, Java, JavaScript, JDBC, Jenkins, JIRA, JSON, JUnit, Log4J, REST, SOAP, SQL Server 2014

EDUCATION DETAILS:

- Master of Science : Northeastern University, Boston, MA
Computer Science
- Bachelor of Technology : Andhra University, Visakhapatnam, India
Electronic and Communication Engineering