

Sreenivas Ponnadi

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Java Developer, DevOps and AWS Cloud Engineer

Professional Summary:

- Over 9+yrs of experience as a **Sr. Software Engineer** in Development, Configuration, Change/Release Management, Support and Maintenance various distributed applications in **N - Tier J2EE Architecture**.
- Experience in Development, automating builds and deployment process using **J2EE, ORM-Hibernate, Struts, Spring Boot, Microservices, DevOps tools and AWS Infrastructure**.
- Expertise working in AWS services **EC2, EBS, S3, Lambda, Auto Scaling, Route 53, Cloud Watch, and SNS** experienced in Cloud automation using **AWS Cloud Formation templates**.
- Experienced in Spring framework modules such as **Spring Boot, Spring MVC, Web, IOC, AOP, JDBC, JPA, microservices, Spring REST**.
- Strong experience on DevOps essential tools like **Ansible, Docker, Subversion (SVN), GIT, Bitbucket, Jenkins, Maven and migrated VMWARE to AWS** and Managed Services.
- Analyze and monitoring on the application performance and system logs using homegrown and commercial profiling tools (**Splunk, AppDynamics, Geneos and Cloud watch**).
- Building/Maintaining **Docker container** management on AWS. Utilized Docker for the runtime environment of the CI/CD system to build, test and deploy stages.
- Proficient in all aspects of software life cycle like **Build/Release/Deploy** and specialized in **cloud automation** through open source DevOps tools like **Jenkins, Ansible**.
- Experience in implementing J2EE design patterns such as **MVC, Singleton, Factory, Adapter, Service Locator Session Facade, DAO** and Business Delegate in the development of Multi-Tier distributed Applications.
- Experienced with principles and best practices of SDLC in **Agile** and **Waterfall methodologies (Scrum Meeting, Planning Poker, Sprint Grooming and Backlog, Kanban)**.
- Provide 24X7 end to end supporting while high **Severity/SLA breach issues** to reduce business impact.

Technical Skills:

Frameworks	:	Spring (Boot, Rest, Security, web & MVC), Struts, Hibernate
Cloud & Web Services	:	AWS Cloud, Microservices, SOAP, REST Easy (JAX-RS)
CI/CD & Automation	:	Jenkins, Ansible, Chef, Docker, Cloud Foundry
Monitoring tools	:	Cloud Watch, Splunk, App Dynamics, ITRS Geneos
Programming/Scripting	:	J2EE, Python, JavaScript, jQuery, Bash
Version Controls	:	Git, Bitbucket, SVN, CVS
Databases	:	Oracle, SQL Server, DB2
Change/Incident tools	:	ITSM, ServiceNow, JIRA, HPSM.

Experience Summary:

- Working as an Associate Software Engineer and Technical team mentor in JP Morgan Chase & Co, Hyderabad from DEC 2016.
- Worked as an Associate in Cognizant Technology Solutions Pvt. Ltd, Hyderabad from Jun 2014 to Oct 2016.
- Worked as a System Engineer in CMC Limited, Hyderabad from Jul 2013 to May 2014.
- Worked as Software Programmer in Marlabs Software Pvt. Ltd., from Jun 2011 to Jun 2013.

Academic Qualification:

Post-Graduation in **Master of Computer Applications (MCA)** from Sri Venkateswara University, TPT.

Professional Experience:

Sr. Software Engineer:

Title : **KYC - RDT (Reference Data Technology)** Dec 2016 - Till Date

Organization : J.P Morgan Chase & Co., HYD.

Environment : AWS, J2EE, Spring Boot, Hibernate, Microservices, Ansible, Docker, CI/CD.

Roles & Responsibilities:

- Developed server side applications using Spring Boot modules like REST, AOP and Spring Hibernate ORM Transaction management.
- Involved in refactoring of monolithic applications to a Microservices and Component based architectures.
- Used Rest Controller in Spring Boot to create RESTful Web services and JSON objects for communication. Developed server side application to interact with database using Spring Boot and ORM.
- Performed AWS Cloud administration managing EC2, VPC-Peering, Auto scaling, S3 and SNS services, created Buckets in AWS and stored files enable Versioning and security.
- Implementation of Lambda Function on get/put object operation in S3 and trigger EC2 event based function to take required action and send SNS Notification.
- Designed and implemented a continuous build-test-deployment (CI/CD) system with multiple component pipelines using Jenkins to support weekly releases and out-of-cycle releases based on business needs.
- Created Ansible playbooks to automatically install packages from a repository, to change the configuration of remotely configured machines and to deploy new builds, and configured the Ansible playbooks.
- Involved in configuration setup in UNIX servers Splunk, App Dynamics and APM tools, built custom dashboards and event/schedule based alert notifications in APM tools.

Java full stack Developer:

Title : International E-Apply

Jul 2014 - Oct 2016

Organization : Cognizant Technology Solutions, HYD.

Environment: J2EE, spring, JPA, JAX-RS, JQuery, SQL server, WAS7, linux, SVN, Chef, Jenkins.

Roles & Responsibilities:

- Implemented in designing, developing and deploying applications using J2EE technologies including JSP, JSTL, Spring, JMS, AJAX, JDBC, JNDI, Java Beans Hibernate and Web Services.
- Involved in MVC layer implementation and SQL for CRUD operations and classes to implement CRUD operations by using Transaction Management.
- Worked on server side validation using various web forms through annotation based approach. Integrated Spring Security to validate the users.
- Worked on PL/SQL database objects tables, views, sequences, triggers, Procedures, Functions, Triggers, Cursors, Exceptions Partitions, analytical functions, views, Indexes and global temporary tables etc.
- Used AJAX calls for data updates in UI along with JSON data parsing. Developed test cases and performed unit testing using JUnit classes.
- Built and managed manual configuration and deployment to 'infrastructure as code' using Chef, including design and implementation of cookbooks and tooling.

Java Developer:

Organization : Marlabs Software Pvt. Ltd., Bangalore.

Jul 2011 to May 2013

Environment: J2EE, Hibernate, Struts, Spring, SOAP, JAX-RS, Java Script, JQuery, Oracle, JBoss, Windows 7, SVN.

Roles & Responsibilities:

- Developed application using J2EE platform. Implemented the Model View Control (MVC) structure.
- Implemented server side programs by using J2EE modules, applied java Collections, multithreading and customized exception handling.
- Created POJO classes and worked on form validation, error handling and event handling using JavaScript and jQuery and server-side validations by using validator frameworks.
- Implemented inline editing, sorting functionalities using JQuery, used firebug, Chrome developer tools to resolve the JavaScript errors.
- Configured the Dispatcher Servlet, setting up the View Resolver, Transaction Manager.
- Owning the bottom line responsibility for all the technical deliverables of Projects.