**Siva S**

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**Professional Summary:**

* Around 7 years of experience in the IT industry with diversified exposure in Software Process Engineering, designing & building a Web Application using **Java/J2EE Technology & Open-Source Technologies.**
* Extensively worked on **core java concepts like Multi-Threading, Inheritance, Abstraction, Encapsulation, Polymorphism, Exception handling and Collections Framework.**
* Experienced in all phases of **Software development life cycle (SDLC)** and have rich experience working with software development methodologies **(Agile, TDD and Waterfall).**
* Have Strong experience in **Database Design, Normalization, Data Flow Diagrams, Coding, Testing.**
* Experience in implementing **Service Oriented Architectures (SOA).**
* Had a strong development skill in **Java, J2EE, JDBC, JSP, Servlets, EJB J2EE, HTML, XML, XSL, Java Script, DB2, Oracle, SQL Server and Macromedia tools.**
* Expertise in client side designing and validations using **HTML, DHTML, CSS, Java Script, AJAX, JSP, XML, JSF and Swing.**
* Experience in deploying applications using Application Servers like **WebLogic, JBoss, Oracle App Server, Web sphere, Web Server, Apache Tomcat 7 and IIS server.**
* Experience in implementing **ReSTful web services and SOAP** based web services **Frameworks and SOA.**
* In-depth knowledge about Direct Web service API of Service now, SOAP and WSDL. Extensively worked with **REST GET** and POST using basic HTTP Authentication.
* Involved in developing Java web-based interfaces using **HTML5, CSS3, JQuery, XML and JSON.**
* Build **Restful API, OAuth1 API, and OAuth2 API** for the company and its partners and affiliates to communicate.
* Had Experience with spring modules like **spring MVC, spring IOC, spring Security, spring boot.**
* Experienced in implementing DAO layer using ORM tools like Hibernate core interfaces, annotations, and optimizations.
* Have deep understanding of Databases and also had experience in databases like **MongoDB, Cassandra.**
* Extensive experience in **SQL, Stored Procedures, Functions and Triggers with databases such as Oracle, IBM DB2 and MS SQL Server.**
* Worked on creating the Docker containers and Docker consoles for managing the application life.
* Extensive experienced in implementing single page applications using **angular.JS** directives, routing modules.
* Expertise in advanced JavaScript libraries and frameworks such as **JQuery, Angular.js, Prototype, Node.js.**
* Extensive development experience on different **IDE's like Eclipse, JBoss, RAD and NetBeans for debugging and using java coding standards.**
* Experience in using **CVS, SVN and GIT** for version control.
* Experience in using **Maven and Ant** for build automation.
* Experience in writing the scripting language Groovy which can run on Java virtual machine.
* Developed **JUnit** test classes using **Mockito** for web service classes.
* Developed automation framework for **Selenium WebDriver in Page Object Model Framework.**
* Developed **ANT Build scripts** to run Sanity Test scripts developed in **Selenium WebDriver (java). Selenium RC**
* Good debugging skills that deep diving into technical issues, collaborating with cross-domain experts, handling clients with different priorities and mind sets, both onsite and remote.
* Testing and implementing and Post-production analysis of the projects.

**Technical Skills:**

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| --- | --- |
| Java/J2EE Technologies | Servlets, JSP, JSTL, Multi-threading |
| Programming Languages | Java JDK/1.7/1.8,1.9 Python |
| Frameworks | Spring 3.x/ 2.x |
| IDEs | Eclipse 3.x, Spring Tool Suite, Intellij |
| Web technologies | JSP, JavaScript, Json, jQuery |
| Web Services | REST, SOAP UI |
| XML Tools | JAXB, Jackson |
| Networking | Protocols, TCP/IP, LAN, OSPF, EIGRP |
| Testing technologies/tools | JUnit, Mockito, Cucumber, Groovy with Spock |
| Database Servers | Oracle Db, My Sql, Mongo DB |
| Version Control | SVN, git |
| Build Tools | Maven, Gradle |
| Cloud Technologies | AWS- EC2, SQS, SNS, S3, ECS, Cloud Watch |

**Professional Summary**

**Client: T Rowe Price, MD Oct’20- till date**

**Role: Sr. Full Stack Java Developer**

**Project Description**: The T Rowe Price American registered investment advisor based in Owing Mills, Maryland with over $1 trillion in assets under management. It is one of the largest providers of mutual funds which expertise across all asset classes in the world. In addition to mutual funds and ETFs, TRP offers advisory services, account management, retirement plans, variable and fixed annuities, financial planning, asset management, and trust services.

**Responsibilities:**

* Involving in Agile process and daily scrums to discuss the development and release of the application.
* Designed and developed **Microservices** using **REST framework and Spring Boot** and used Bootstrap along with Angular 7 in creating the Application.
* Used Spring Inversion of Control (IoC) for injecting the beans and reduced the coupling between the classes and implemented the **Model View Controller using Spring MVC.**
* Implemented the application using **SpringBoot Framework** and handled the security using Spring Security.
* Worked on **java 9** to implement the logic in Advice application.
* Setup the **vagrant** and worked on Linux systems for the development.
* Worked on **Groovy** with **Spock** to increase the code coverage and used the sonarlint, sonarqube to analyse the issue.
* Worked on Envestnet API calls using swagger and analyse the business requirements.
* Setup the flyway project and run the mock data into the **postgres sql**.
* Worked on creating the Docker containers and Docker consoles for managing the application life.
* Analyze and ensure efficient transition of all technical design documents and develop various **SQL** packages to provide support to all application developers.
* Worked on **Angular** routing paths and implemented pages based on the business logic by getting the data from **Springboot APIs.**
* Used Springframework to provide loose coupling between different application modules.
* Developed **Hibernate with Spring Integration** as the data abstraction to interact with the database of MongoDB.
* Allocating system storage and planning future storing requirement for the database system.
* Used Microservices to communicate using synchronous protocols **HTTP and REST** for implementing SOA.
* Monitor and recommended changes if required to all **PL/ SQL** packages and provide stored procedures and design and develop various relational database on Oracle.
* Used **DBVisualizer** to setup the postgres sql and local database.
* Worked on **gradle** projects in **spirng boot** application to develop the advice application.
* Worked on **AWS S3 Bucket** to save the files instead of from **filenet.**
* Worked on splunk to check the logs and created the alerts based on the business requirements.
* Monitored the status of the containers in the **AWS ECS** and deleted the unused tasks after deployed the changes.
* Worked on **AWS SQS** to send the queue messages from one application to another application.

**Client: Vanguard, Malvern, PA Jun’18- Sep’20**

**Role: Sr. Full Stack Java Developer**

**Project Description**: The Vanguard Group is an American registered investment advisor based in Malvern, Pennsylvania with over $6.2 trillion in assets under management. It is the largest provider of mutual funds and the second-largest provider of exchange-traded funds (ETFs) in the world after BlackRock's iShares. In addition to mutual funds and ETFs, Vanguard offers brokerage services, variable and fixed annuities, educational account services, financial planning, asset management, and trust services.

**Responsibilities:**

* Actively involved in Analysis, Design, Development, System Testing and User Acceptance Testing. Successfully followed agile methodology in the Scrum Cycle model.
* Designed and developed **Microservices** using **REST framework and Spring Boot** and used Bootstrap along with Angular in creating the Application.
* Developed the responsive **UI web pages using XHTML, jQuery, HTML5, CSS3, node JS** and has worked with Angular filters in expressions and directives to filter data in the UI.
* Extensively used **MVC, Factory, Delegate and Singleton** design patterns.
* Used Spring framework including **Spring core/IoC, Spring Web, Spring Security and implement the authentication, authorization, and access-control features by using Spring Security.**
* Used Spring Inversion of Control (IoC) for injecting the beans and reduced the coupling between the classes and implemented the **Model View Controller using Spring MVC.**
* Implemented the application using **SpringBoot Framework** and handled the security using Spring Security.
* Provide expert technical leadership to customers and partners regarding all aspects of **Pivotal Cloud Foundry (PCF).**
* Deployed **EARs, WARs,** and configured application specific JVM settings, Web container parameters using the Admin Console and WebSphere admin scripts.
* Worked on **Angular 7** to implement the **Single Page Applications (SPA)** using data binding, two-way binding.
* Worked on making **Rest API** calls from **Angular 7** using services and dependency injection.
* Setup the routing paths from one page to other page in **Angular 7**.
* Accomplished Workload Management by creating **Clusters.**
* Generating Test Cases using **Selenium** Element locators and WebDriver Methods.
* Good knowledge on **Selenium suite** of tools like Selenium IDE, Selenium WebDriver.
* Worked on implementing Lambda expressions in **Java8** to send the xml data to end point URL in NetSuite.
* Performed **Monitoring, Shutdown & Boot-Up, Network support** and trouble shooting in Staging and Production environments as part of the application deployment.
* Extensive experience on developing web applications using **Spring Boot, Spring Core, Spring MVC, Spring ORM, Spring JPA, Spring Rest and Spring Cloud (PCF).**
* Enabled security for the Admin Console and application components.
* Worked on developing Spring Boot applications on **Pivotal Clound Foundry**.
* We check the logs and bounce the Spring Boot, Batch Applications in **Pivotal Could Foundry**.
* Worked on creating the Docker containers and Docker consoles for managing the application life.
* Managed production support and troubleshooting for various SOA Applications.
* Configured Coherence servers through Weblogic console.
* Automated the deployment procedure across Prod, Cert, Cert2 and UAT environments using **shell scripts** ran through Jenkins and Rundeck.
* Analyze and ensure efficient transition of all technical design documents and develop various **SQL** packages to provide support to all application developers.
* Monitor and recommend changes if required to all PL/ SQL packages and provide stored procedures and design and develop various relational database.
* Microservices have been built using **spring boot, spring cloud and deploying to AWS Cloud.**
* Project migration into cloud environment using **AWS, Docker** container.
* Implemented **REST** based web services using **JAX-RS** annotations, Jersey provider and consumed using HTTP services from **angular modules.**
* Responsible for setting up **Angular framework** for UI development.
* Used Springframework to provide loose coupling between different application modules.
* Developed **Hibernate with Spring Integration** as the data abstraction to interact with the database of MongoDB.
* Develop a data integration application using **Apache Camel** leveraging **Apache CXF** and messaging middleware like ActiveMQ. Agile methodology used.
* Built backend **REST API with Node JS, Express JS** and Implemented modules into Node JS to integrate with designs and requirement.
* Allocating system storage and planning future storing requirement for the database system.
* Design, write, develop, ship and motivate the creation of software and increate product reliability and organizational efficiency.
* Used Microservices to communicate using synchronous protocols **HTTP and REST** for implementing SOA.
* Worked with **NoSQL database Mongo DB** and worked with it to perform many different operations.
* Used Cassandra for achieving denormalization through features like collections.
* Developed unit tests with **JUNIT and Mockito**. Write automated regression tests using **JMeter.**
* Developed build tasks to run the unit tests on Jenkins and maintaining separate build in **Maven** for the module for easy integration to the portal build and configure with Jenkins.
* Used **NgRx** for building reactive applications in Angular.
* Used **RxJs** for consuming API data in Angular.
* Tracking the versions of key system artifacts and source code in version control software using **GIT**
* Worked on Rest end point URL to get the XML data and convert into JSON data using the Object Mapper.
* Monitor and recommended changes if required to all **PL/ SQL** packages and provide stored procedures and design and develop various relational database on Oracle.
* Developing automation of UI pages using Selenium suite of tools like **Selenium IDE, Selenium WebDriver.**
* Using **Putty** terminal emulator to check the logs and then debug in the application.
* Developing API’s and deploying in **AWS ECS** containers and storing the files in S3 buckets.
* Working on **SQS, SNS** to send notifications from one microservice to another microservice using SpringBoot applications.
* We deploy our SpringBoot apps in Bamboo and in **AWS ECS** Containers.
* Create the Splunk alerts as per the schedule based on the cron jobs.
* Worked on **Kenesis Stream** in **microsevices** which we act as a both **consumer** and **producer** while calling the rest APIs.

**Environment:** Spring Core, Spring IOC, Spring MVC, JavaScript, JQuery, JSON, Spring DAO, Spring Boot, Spring Batch, spring Security, Spring Integration, Vaadin, Hibernate, JSP, Oracle, PL/SQL, XML, AWS, spring web flow, Maven, JUnit, REST web service, HTML, CSS, SASS, Jira, Angular 8, NOSQL(MongoDB)

**Client: OptConnect, Kaysville, UT Feb’18- Jun’18**

**Role: Software Developer**

**Project Description**: OptConnect provides a fully managed service, supplying hardware, network connections from all of North America’s major carriers, and support services. Managed, end-to-end service allows ATM operators to add OptConnect to ATMs without introducing a complicated, time consuming new step in the process.

**Responsibilities:**

* Responsible for the analysis, documenting the requirements and architecting the application based on **J2EE standards.**
* Extensively used core java concepts like collection **frame work, multi-threading, OOPS** and Exception Handling.
* Designed dynamic and browser compatible pages using **HTML5, DHTML, CSS3, BOOTSTRAP and JavaScript.**
* Used Hibernate, object relational-mapping (ORM) solution, technique of mapping data representation from MVC model to Oracle Relational data model with SQL-based scheme.
* Developed the **JQuery** callback functions to implement asynchronous communication using **AJAX.**
* Used the Java Collections API extensively in the application as security protection for **XML, SOAP, REST and JSON** to make a secure Web Deployment.
* Involved in developing web pages using **Angular JS Framework** and familiar with various Angular JS directives and services.
* Developed various Action classes and Form bean classes using Struts framework.
* Worked on the **REST Web Services** and used **Spring Framework** and developed the Spring Features like Spring Core, Spring IOC, Spring AOP, Spring Data Access, and spring web test, **Spring MVC, Spring DAO, Spring Boot, Spring Batch, Spring Security, and Spring Integration.**
* Used Angular JS as frameworks to create single page applications (SPA) which can bind data to specific views and synchronize data with server using **Sass, Less, Bootstrap, Angular JS.**
* Responsible for Web UI development in **JavaScript using JQuery, AngularJS and AJAX.**
* Developing Intranet Web Application using **J2EE** architecture, using **JSP** to design the user interfaces and Hibernate for database connectivity.
* Development of Hibernate objects for data fetching for batch and front-end processing.
* Responsible for secure batch data flow to downstream systems using Middleware Java technologies.
* Extensively worked on Vaadin Application Framework.
* Developed Mean Stack from scratch including Mongo DB server (Mongoose Connector) setup and Express JS server development.
* Implemented different Design patterns like DAO, Singleton Pattern and MVC architectural design pattern of spring framework.
* Building RESTful services using Micro-services architecture with tools such as Spring-boot.
* Designed and developed the new features in the existing application to meet the customer's satisfaction.
* Designed and developed the user interface screens, data base design changes and changes to user access modules.
* Application technology skill set: **J2SE 3.x, J2SE 1.3, HTML, CSS, SOAP/SOA, WSDL, BPMN, BPM, ESB, JACL** scripting and JavaScript
* Involved in writing **Oracle PL/SQL** Stored procedures, triggers and views.
* AWS is used to coordinate and manage the delivery of messages to the subscribers. Client side validations and server side validations are done according to the business needs.
* Wrote **JUNIT** test cases for web servers.
* Used **Linux** to create a workspace and used the Wireshark for packet tracing.
* Written test cases and done Unit testing execution with **JASMINE and KARMA.**
* Involved with Sprint Planning, Sprint grooming, Allocation of User Stories using Jira.
* Used **Log4J API** for logging and debugging.

**Environment:** Spring Core, Spring IOC, Spring MVC, Struts, JavaScript, JQuery, JSON, Spring DAO, Spring Boot, Spring Batch, spring Security, Spring Integration, Vaadin, Hibernate, JSP, Oracle, PL/SQL, XML, AWS, spring web flow, Maven, JUnit, REST web service, HTML, CSS, SASS, AJAX, Jira, Angular JS

**Virtual Network Communications, Chantilly, VA May’17- Dec’17**

**Role:** Java Developer

**Project Description:** Virtual Network Communications provides several decades of cumulative wireless network engineering and operations experience and recognizes that the requirements of today’s consumers of wireless services differs widely from the initial requirements for mobile telephone service. Indeed, requirements have changed so much that the original design of wireless networks is literally upside down to today’s network requirements.

**Responsibilities:**

* Involved in the analysis, design and development and testing phases of Software Development Life Cycle (SDLC).
* Used Agile methodology for Software Development.
* Involved in design phase and data modeling, interacted with other team members to understand the requirements for the project.
* Implemented **J2EE standards, MVC architecture using Spring Framework.**
* Mavenized the existing applications using **Maven tool.**
* Added the required jar files to the application as dependencies to the **pom.XML file.**
* Used **JSF & Struts** frameworks to interact with the front end.
* Utilized **Swing/JFC** framework to develop client side components.
* Developed**J2EE** components on **Eclipse IDE.**
* Developed a new CR screen from the existing screen for the LTL loads (Low Truck Load) using JSF.
* Used **spring framework** configuration files to manage objects and to achieve dependency injection.
* Implemented cross cutting concerns like **logging and monitoring mechanism** using **Spring** AOP.
* Implemented **SOA architecture** with web services **using SOAP, WSDL, UDDI and XML.**
* Made screen changes to the existing screen for the LTL (Low Truck Load) Accessories using Struts.
* Developed desktop interface using **Java Swing** for maintaining and tracking products.
* Used JAX-WS to access the external web services, get the xml response and convert it back to java objects.
* Developed the application using Eclipse IDE and worked under Agile Environment.
* Working with Web admin and the admin team to configure the application on development, training, test and stress environments (Web logic server).
* Build **PL\SQL functions, stored procedures, views and configured Oracle Database 10g** with JNDI data source with connection pooling enabled.
* Used **Hibernate** based persistence classes at data access tier.
* Adopted **J2EE** design patterns like Service Locator, Session Facade and Singleton.
* Worked on **Spring Core layer, Spring ORM, Spring AOP** in developing the application components
* Modified web pages using JSP and Used **Struts Validation Framework** for form input validation.
* Created the **WSDL** and used Apache Axis 2.0 for publishing the WSDL.
* Mavenized the existing applications using **Maven tool.**
* Creating PDF files for storing the data required for module.
* Used custom components using JSTL tags and Tag libraries implementing struts.
* Used **Web Logic server** for deploying the war files.
* Used Toad for the DB2 database changes.

**Environment:** Java, J2EE, JSF, Hibernate, Struts, Spring, Swing/JFC, JSP, HTML, XML, Web Logic, iText, DB2, Eclipse IDE, SOAP, Maven, JSTL, TOAD, DB2, Web Logic Server, WSDL, JAX-WS, Apache Axis.

**University Of Bridgeport, Connecticut Feb’16- Apr’17**

**Role:** Java/J2EE Developer

**Project Description:** Developed an application for signal processing to make sure data is assigned to right clusters. Here, I had an opportunity to work for IEEE projects where I coded in java, matlab. Implemented controlling home appliances based on Iot using RasberryPi

**Responsibilities:**

* Responsible for the analysis, documenting the requirements and architecting the application based on **J2EE standards.**
* Extensively used core java concepts like collection **frame work, multi-threading, OOPS** and Exception Handling.
* Used Agile methodology for Software Development.
* Involved in design phase and data modeling, interacted with other team members to understand the requirements for the project.
* Implemented **J2EE standards, MVC architecture using Spring Framework.**
* Mavenized the existing applications using **Maven tool.**
* Added the required jar files to the application as dependencies to the **pom.XML file.**
* Used **spring framework** configuration files to manage objects and to achieve dependency injection.
* Implemented cross cutting concerns like **logging and monitoring mechanism** using **Spring** AOP.
* Implemented **SOA architecture** with web services **using SOAP, WSDL, UDDI and XML.**
* Made screen changes to the existing screen for the LTL (Low Truck Load) Accessories using Struts.
* Developed desktop interface using **Java Swing** for maintaining and tracking products.
* Used JAX-WS to access the external web services, get the xml response and convert it back to java objects.
* Developed the application using Eclipse IDE and worked under Agile Environment.
* Working with Web admin and the admin team to configure the application on development, training, test and stress environments (Web logic server).
* Build **PL\SQL functions, stored procedures, views and configured Oracle Database 10g** with JNDI data source with connection pooling enabled.
* Used Microservices to communicate using synchronous protocols **HTTP and REST** for implementing SOA.
* Worked with NoSQL database Mongo DB and worked with it to perform many difference operations.
* Generating Test Cases using **Selenium** Element locators and WebDriver Methods.
* Good knowledge on **Selenium suite** of tools like Selenium IDE, Selenium WebDriver.
* Responsible for deploying the code during elevations on weekends.
* Deployed EARs, WARs and configured application specific JVM settings, Web container parameters using the Admin Console and WebSphere admin scripts.
* Performed Monitoring, Shutdown & Boot-Up, Network support and trouble shooting in Staging and Production environments as part of the application deployment
* Build the jar files in Jenkins and create the milestone.
* Create the change management to deploy an application to production as a protocol.
* Deployed the change management before deploying the application and it should be approved by product owner.

**Environment:** Java, spring (AOP, Dependency Injection), XML, Tortoise SVN, JSP, Spring MVC, J2EE, JUnit, Maven, SOAP, Log4J, Oracle, JavaScript, AJAX, JIRA.

**Arthanet Pvt Ltd, India Aug ’14- Nov’15**

**Role:** Java Developer

**Project Description:** Arthanetstands today as one of the rising and professionally controlled connection, is an Information Technology Products & Services association offering world-class items and organizations to its overall clients including some Fortune associations working in diverse industry verticals for our clients all over the place all through the world. Commercial Software Solutions delivers increased productivity and faster time-to-market for software products

**Responsibilities:**

* Involved in the analysis, design and development and testing phases of Software Development Life Cycle (SDLC).
* Used Agile methodology for Software Development.
* Involved in design phase and data modeling, interacted with other team members to understand the requirements for the project.
* Implemented **J2EE standards, MVC architecture using Spring Framework.**
* Mavenized the existing applications using **Maven tool.**
* Added the required jar files to the application as dependencies to the **pom.XML file.**
* Used **JSF & Struts** frameworks to interact with the front end.
* Utilized **Swing/JFC** framework to develop client side components.
* Developed**J2EE** components on **Eclipse IDE.**
* Developed a new CR screen from the existing screen for the LTL loads (Low Truck Load) using JSF.
* Used **spring framework** configuration files to manage objects and to achieve dependency injection.
* Implemented cross cutting concerns like **logging and monitoring mechanism** using **Spring** AOP.
* Implemented **SOA architecture** with web services **using SOAP, WSDL, UDDI and XML.**
* Made screen changes to the existing screen for the LTL (Low Truck Load) Accessories using Struts.
* Developed desktop interface using **Java Swing** for maintaining and tracking products.
* Used JAX-WS to access the external web services, get the xml response and convert it back to java objects.
* Developed the application using Eclipse IDE and worked under Agile Environment.
* Working with Web admin and the admin team to configure the application on development, training, test and stress environments (Web logic server).
* Build **PL\SQL functions, stored procedures, views and configured Oracle Database 10g** with JNDI data source with connection pooling enabled.
* Used **Hibernate** based persistence classes at data access tier.
* Adopted **J2EE** design patterns like Service Locator, Session Facade and Singleton.
* Planned and implemented various **SQL, Stored Procedure, and triggers.**
* Used JDBC to access Oracle database and implemented of connection pooling.
* Performed building and deployment of WAR, JAR files on test, stage and production systems.
* Adopted **J2EE** design patterns like Service Locator, Session Facade and Singleton.
* Worked on **Spring Core layer, Spring ORM, Spring AOP** in developing the application components
* Mavenized the existing applications using **Maven tool.**
* Creating PDF files for storing the data required for module.
* Used custom components using JSTL tags and Tag libraries implementing struts.

**Environment:**Java, J2EE, HTML, JSP, JDBC, EJB, ANT, XML, IBM Web Sphere, JUNIT, DB2, Rational Rose, CVS, UNIX, Clear Case.