**Kowshik Uppalapati**

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**(224) 401-1468**

**Professional Summary:**

* Having 7+ years of experience in Software Development Life Cycle (**SDLC**), Web Application Design, Development, Programming, Testing, Support Maintenance, and End- User support.
* Experienced in designing and developing User Interface (UI) using **HTML/HTML5, CSS/CSS3, JavaScript, Typescript, jQuery, Bootstrap3/4, Angular 2, Spring boot, Java 1.8, Angular 4, React Js, JSON,** and **AJAX** that follows W3C Web Standards and are browser compatible.
* Strong understanding of **data structures, algorithms, design patterns.**
* Experience with Performance Tuning for Oracle **RDBMS** using Explain Plan and HINTS.
* Proficient in the development of client/server and web Applications using **JAVA, J2EE, J2SE** technologies and **Web Technologies** for enterprise applications.
* Noteworthy understanding with various **MVC JavaScript** frameworks like **Node.js**.
* Experience in all phase of **SDLC** like Requirement Analysis, Implementation, Maintenance, and extensive experience with **Agile, SCRUM**.
* Extensive experience in working with **Angular 6** to implement Single page applications (SPAs) using Directives, Modules, Expressions, Routers, Views, Model and Controller.
* Extensive used Angular components, directives, factory and service resources, routing, dependency injection, **2-way data binding**, **filters,** and **events.**
* Expertise in using Angular JS Directives, Controllers, Filters, Services, Templates, Events and Injectors.
* Extensive experience working in both **AGILE/SCRUM** and **SDLC** based development environment and participating in **SCRUM** sessions.
* Worked with **React JS** framework to develop the **SPA** and Experienced in **React JS** and working with **React Flux** architecture.
* Having good Experience in design and development of various web and enterprise applications using Type safe technologies like **Scala, Akka** and Play framework.
* Having experience in Automating, Configuring and deploying instances on AWS, Azure, PCF, cloud environments and Data centers
* Experienced in working with **Redux** architecture using complex Object-Oriented concepts in improving the performance of the websites.
* Experience in using **React JS components, Forms, Events, Keys, Router, plus Redux, Animations** and **Flux** concept.
* Created and maintain build automation shell, manage building fixes, merges, and release cuts as needed, written scripts for environment changes in **Bash**, **Perl**, and **Python** for **WebSphere** mapping modules to the enterprise application.
* Good Experience in **React Js** for creating interactive **UI**'s using One-way data flow, Virtual **DOM, JSX, React** Native concepts.
* Familiar with creating Custom **Reusable React Components Library**.
* Strong programming skills in designing and implementation of multi-tier applications using web-based technologies like **Spring MVC** and **Spring Boot.**
* Good experience in creating **User Stories** and Information flows. Creating prototypes and responsive screens.
* As a part of production support continuously monitors the **Splunk, AppDynamics, HMW dashboards** to find the root cause for the **High response time** alerts.

**TECHNICIAL SKILLS**

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| Web Technologies | HTML/HTML5, CSS/CSS3, LESS, SASS, XML, AJAX, JSON, JavaScript, Typescript, JQuery |
| **J2EE Technologies** | Servlets, JSF, JSP, JSTL, RMI, EJB, JMS, JDBC. |
| **J2EE MVC Frameworks** | Struts, Spring Core, Spring MVC, Spring DAO, JSF, Spring Boot,  Spring integration |
| **Programming Languages** | C, Java, Python, PL/SQL |
| **Frameworks & Libraries** | AngularJS, Angular 2/4/5/6/8, Spring, Scala, Struts, Bootstrap, Node.js, ReactJs |
| **Application Servers** | Web Logic, WebSphere, Tomcat, JBoss |
| **Cloud Technologies** | AWS, EC2, Azure, RDS, S3, Cloud formation |
| **Testing Tools** | Selenium, JUnit |
| **Databases** | Oracle 10g, Oracle 11g, SQL, MySQL, MongoDB, Cassandra |
| **Methodologies** | SDLC, Agile and Waterfall |
| **Version Controls** | SVN, GIT, Putty |
| **Operating system** | Windows 10/8/7 |
| **IDE & Tools** | Visual Studio Code, Eclipse, Intellij, Adobe Photoshop, Chrome Developer Tools, Microsoft Suite. |

**Professional Experience:**

**Clinet: SunTrust Bank, Atlanta, GA Feb 2020 – Till now**

**Role: Full Stack Java Developer**

**Responsibilities:**

* Involved in modifying, updating and testing of the component. Maintained Struts architecture throughout the application. Created connection pools and data sources. Involved in creating & consuming the WSDL based web services using **WSDL, SOAP, JAX-WS, AXIS, Apache CXF, XSD** etc.
* Developed web services using **RESTful** technology to support **JSON and XML** using **JAX-RS.**
* Developed **JMS** components to send messages from one application to other application internally.
* Backend processes were built in **Python** and utilized **RabbitMQ** as the messaging middleware.
* Created new connections through application coding for better access to **DB2 DB.**
* Involved in writing **SQL&PL/SQL**, **Stored procedures, functions, sequences, triggers, cursors, object types** etc.
* Involved in developing app using **Spring MVC** and used other modules of **Spring DI&AOP**.
* Involved in implementing Programmatic transaction management using AOP.Spring Controllers were used with **Angular JS** to route the control to desire.
* Used **Ext JS UI** components to implement various functionalities, Coded for Various windows, panels, form and tree components, adding custom event on components and implementing their listeners for operation to be performed.
* Developed required components and API’s for the business application in **Python** also worked on MQTT for communication between components and API’s.
* Used **Spring Core** Annotations for Dependency Injection **Spring DI** and **Spring MVC** for **REST API** s and **Spring Boot** for **microservices.**
* Involved in **JUNIT** testing using Mockito. Modified JSP's, used struts tag libraries and **Java Server Pages Standard Tag Library (JSTL).**
* Used **JSTL** tags for several pages and also for code reusability
* Involved in developing the UI pages using **HTML, DHTML, Java script, AJAX, JQUERY, JSP** and tag libraries.
* Optimized **ExtJS** themes and prepared performant applications.
* Designed and developed the **REST** based Microservices using the **Spring Boot.**
* Designed, developed, implemented, and maintained custom Ant tasks in **Java** and **Groovy.**
* Designed and implemented scalable, secure cloud architecture based on **Amazon Web Services (AWS).**
* Capable to automate the process of testing of application using **Python** script.
* Used **React JS** to create Controllers to handle events triggered by clients and send request to server.
* Composed and executed **Mongo DB** scripts to insert and update **NoSQL** database; automating data changes and reporting.
* Developed scripts for build, deployment, maintenance and related tasks using **Jenkins.**
* Implemented **JBOSS** application server integration with **JBPM** process engine and **eclipse IDE.**
* Built reusable framework for consuming and providing **REST API’s** using **Java** and **Node.js.**
* Installed and configured **JBOSS/Drools** server with **MySQL/Oracle** persistence.
* Participated in requirement gathering and framework implementation sessions through Agile **TDD** methodology.
* Designed, built and deployed a multitude application utilizing almost all the **AWS** stack (including EC2, R53, S3, RDS, Dynamo DB, SQS, IAM and EMR) focusing on high-availability, fault tolerance and auto-scaling.
* Involved in creation of virtual machines and infrastructure in the **Azure** Cloud environment.
* Responsible for analyzing, designing and coding of applications using Perl. Developing **Perl** scripts and ensuring their smooth functioning.
* Developed **Single Page Application** and working with **React Flux** and **Redux** architecture.
* Designed and developed in interface framework to keep the application of the **JBPM** Interaction.
* Used **Scala** collection framework to store and process the complex consumer information.
* Deployed multitude applications utilizing almost all of the **AWS stack** focusing on high-availability.
* Involved in group meeting with teammates and made substantial changes to the architecture to improve performance of the Application.

**Environment:** Java 8, J2EE, JEE, HTML, JS, CSS, AJAX, JQuery, Angular 6/7/8, React JS, Node.JS, Servlets, Ext JS, JSP, Web Sphere Application, Server, Spring-DI, AOP, Spring Boot, Spring Batch, MVC, RAD, Scala, JUNIT, Mockito, Drools, JBPM, Selenium, Oracle coherence, JSTL, JMS, LDAP, JAX-RS, XML, XSD, XSLT, AKKA, PLAY, Kafka, MongoDB, Microservices, Unix, Perl, Redux, DB2 - SQL, Jenkins, PL SQL, Groovy/Grails, Python, Mule ESB, JBPM, IBM Clear Case etc.

**Client: LifePoint Health, Knoxville, TN Sep 2017 – Jan 2020**

**Role: Full Stack Java Developer**

**Responsibilities:**

* Involved in the complete **SDLC (software development life cycle)** of the application from requirement analysis to testing.
* Followed **Agile** Methodology in analyze, define, and document the application, which will support functional and business requirements. Coordinate these efforts with Functional Architects.
* Developed the UI using **HTML5, CSS3, JSP** and **JavaScript** for interactive cross browser functionality and complex user interface.
* Involved in designing the client-side module architecture based on new **Angular** Framework.
* Used **Node.JS** to run **AngularJS** on server with mock JSON data and completed the UI development independent of server.
* Designed, Configured and deployed **Amazon Web Services (AWS)** for a multitude of applications utilizing the Amazon cloud formation.
* Designed and developed the **REST** based Micro Services using the **Spring Boot** and **Spring Cloud.**
* Used **Spring MVC** module to develop MVC Architecture.
* Used **Core Java** to develop Business Logic as **Spring Beans.**
* Designed and implementation of low-latency, high-availability, and performant applications by using **Node.JS.**
* Configured Spring Container to implement **IOC/DI** of the Spring Beans, and to manage the beans life circle.
* Used **Spring Security** for Authentication and Authorization of the application.
* Used **Spring Data Framework** to use the features of **Spring JDBC** and **Spring ORM** classes like **JDBC** Template to perform the database the database operations by connecting Data Sources available.
* Implemented **Spring AOP** for declarative transaction management.
* Developed **POJO** objects and used Hibernate as the **Object-Relational Mapping (ORM)** tool to access the persistent data from **SQL Server.**
* Used **Rest** Controllers to replace the existing operations layer, which acts as bridge between business layer and the UI.
* Developed web application using **Python**, **Flask** and **CanvasJS** template and involved in frontend designing using HTML, CSS and JQuery.
* Used **MongoDB** as data storage and utilized aspects like replica sets, sharing and clever document design

to make service extensible scale and feature wise.

* Responsible for **Production support** activities like log the load statistics, analysis and resolve in case of any production issues, coordinate with business to fix any source file issues, coordinate with **DBA** to resolve any table space or file system related issues.
* Troubleshooting production issues and solving customer’s trouble tickets.
* Deployed the Web Application in **WebSphere.**
* Developed **Unit Test** Cases. Used **JUnit** for unit testing of the application.
* Created **UNIX**shell scripting for periodic generation of reports.
* Configured **pom.xml** to deploy the project using **Maven.**
* Provided Technical support for production environments resolving the issues, analyzing the defects, providing and implementing the solution defects.

**Environment:** Java 1.8, J2EE, HTML5, CSS3, JavaScript, JQuery, AJAX, AngularJS, NodeJS, Bootstrap, JSON, JSP, JNDI, Oracle, Spring AOP, Spring cloud, Hibernate, Python, PHP, Spring MVC, Spring JDBC, JDBC, Amazon Web-Services (Elastic Search),SOA (Service-oriented) Architecture, REST, JAX-RS, Jersey, JUnit, JAX-B, Mongo DB, Kafka, WebSphere, JIRA, Maven, GIT, RAD, Jenkins, Unix, Agile Methodology.

**Client: Blue Square Resolutions, Scottsdale, AZ Oct 2015 – Aug 2017**

**Role: Full Stack Developer**

**Responsibilities:**

* Involved in design discussions, review meetings with clients and provided design and development estimates based on the complexity of the service(s).
* Involved in Daily **Scrum meetings**, Sprint planning and estimation of the tasks for the user stories, participated in retrospective and presenting Demo at end of the sprint.
* Designed and developed entire application implementing **MVC Architecture, HTML5, CSS3, Bootstrap** and **AngularJS.**
* Developed frontend of application using **Bootstrap** (Model, View, Controller), Angular.js framework.
* Used **Spring** framework for implementing **IOC/JDCB/ORM, AOP** and **Spring Security**.
* Wrote services to store and retrieve user data from the **Mongo DB** for the application on devices.
* Consumed Web services - **WSDL** and **SOAP** for getting required information from third the different application.
* Used **Maven** to build and deploy the application on **WebLogic** server.
* Involved in batch processing using **Spring Batch** framework to validate feed files and load data into corresponding tables.
* Implemented Object-relation mapping in the persistence layer using hibernate framework in conjunction with **spring** functionality.
* Developed **web UI** by using JSP and front-end technologies such as **JavaScript, Jquery, Jquery UI, CSS3**, and **HTML5.**
* Involved in Analysis, Design, Development, and Production of the Application and develop UML diagrams.
* Monitoring production system, which involves WebLogic monitoring for managed servers, JMS queues, etc. and application monitoring.
* Performed **J2EE** application deployment using **JBoss** application server on **Windows** and **Linux.**
* Developed enterprise and web applications using **SOAP/REST** Web Services EJBs Spring and Struts Play 2.0 frameworks.
* Configured **Hibernate’s** second level cache using **EHCache** to reduce the number of hits to the configuration table data.
* Wrote application level code to perform customer side validation utilizing **JQuery** and **JavaScript.**
* Implemented fusion chart visualizations for an SPA analytics rewrite using **Typescript.**
* Designed **RESTful** web services with **JSON** representation for handling AJAX requests Used Advanced Rest Client plug-in to run the **REST API’s** on localhost Tomcat Server for Unit testing.
* Worked with **java (Java8),** using **Spring, Spring MVC, Multi-threading, DBC, Hibernate, RESTFul Web Services** and **SOAP Web Services.**
* Created an **XML** schema for the **Solr** search engine based on the Oracle schema.
* Developed and executed software systems utilizing **JavaScript** and **Groovy.**
* Responsible for implementing the transaction management in the application by applying **Spring AOP** methodology.
* Used **Spring Core, JBPM** & multi-threading as part of enhancing Bundler process with in Content Management System
* Developed Custom Portlets based on **JSR 168** specification using **WebSphere Portal Server 6.1**
* Built web servers with single-page apps in **Angular** and **jQuery.**
* Used **Restful** Web Services to inserted, deleted and updated add details and their information will be used by other two applications.
* Developed a client application API endpoint with **Node.JS.**
* Analyzed **Cassandra** database and compare it with other open-source **NoSQL** databases to find which one of them better suites the current requirement.
* Used **SVN** for version control and used STS as the IDE for developing the application.
* Created Test cases using element locators and selenium webdriver methods.
* Used **Oracle11g** as backend database using Windows OS. Involved in development of Stored Procedures, Functions and Triggers.

**Environment:** JDK 1.7, Oracle 11g, Struts 1.3, BootStrap, Angular.js, Angular 2.0, Ext JS, AWS, Drools, Apache POI, Hibernate, Spring, Spring Batch, JUnit, AKKA, Play, Groovy/Grails, Mockito, Mongo DB, NoSQL, TypeScript, Linux, Linux, Microservices, Maven, Perl, SOLR, SOAP, Redux, JBPM, Rest API, Restful Web Services, HTML, JQuery, Selenium, SVN, STS and WebLogic

**Old Mutual International, India Aug 2013– Dec 2014**

**Software Developer**

**Responsibilities:**

* Involved in the analysis, design, and development and testing phases of Software Development Lifecycle **(SDLC).**
* Designed Use Case Diagrams, Class Diagrams, Sequence Diagrams and Object Diagrams using UML to model the detail design of the application.
* Developed the application using **Struts** framework.
* Used the Inversion of Control module of **Spring** framework.
* Developed action classes, form beans and **Java Server Pages.**
* Developed a web-based reporting for credit monitoring system with **HTML, XHTML, JSTL, custom tags** andTiles using **Struts framework.**
* Designed enterprise level applications on **XML schema, SOAP and WSDL** technologies.
* Implemented Stateless Session Beans to accomplish complex business logic and also for transaction management in various modules.
* Used **SOAP UI** for testing the web services.
* Used SOAP over **Http and SOAP** over JMS for communication between components.
* Developed **XML** specifications for the request and response between the user and the application system.
* Involved in working with **Struts** Tiles for the look and feel for a web application.
* Implementation of **JMS** between workflow module and backend Message forwarding Engine.
* Used **JMS-MQ** Bridge to send messages securely, reliably and asynchronously to Web Sphere MQ which connects to the legacy systems.
* Tested the application functionality with JUnit **Test Cases.**
* Used **Hibernate** framework to access the data.
* Extensively used **ANT** as a build tool.
* Deployed applications on **WebSphere** and configured it with **Eclipse IDE**.

**Environment:** Java 1.6, Struts 2, Spring 3.0, EJB, Servlets, JSP, WebLogic 10, HTML, Eclipse 3.4, SOA, JNDI, JMS, JDBC, Oracle, CVS, ANT, TOAD and Log4J

**Educational Qualification:**

Bachelor’s in Mechanical Engineering, Gandhi Institute of Technology and Management University, India.