**Varun Reddy**

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**Professional Summary:**

* Around 7+ years of software development experience in object-oriented programming, design and development of Front-end Enterprise applications using **OOP**s and web based technologies.
* Having exposure to and involvement in different phases of the software Development Life Cycle(**SDLC**), testing, deployment, installation and user training of software and database design.
* Expertise in designing ASP.NET based Graphical User Interfaces with **CSS**, **JavaScript**, **AJAX**, **jQuery**, **AngularJS**, **Bootstrap**, **Multithreading** and **HTML**.
* Extensive experience in designing and developing software applications with the **JDK** […] **J2EE**, EJB, Annotations, Java, JSP, Servlets, **Java Beans, AJAX, JMS, JDBC, JAXP, XML, JavaScript**, **jQuery**, **React.Js,** **CSS**, **Web** **Services**, **SOAP**.
* Having experience in Amazon web services(**AWS**) for handling the code versions and production releases.
* Implemented RESTful services using **Spring Boot** and Micro Services Architecture
* Expertise in developing **Master Pages**, **CSS** to separate content of document from its presentation, **JavaScript** to perform Client-side validation and **AJAX** to develop interactive web applications.
* Extensively used **Java Collections**, Generics, Exception Handling and Lambda expressions.
* Experience in client-side web development and validations using **HTML, HTML5, DHTML, CSS**, **Java Script, React.Js, AJAX**.
* Capable of generating tableau dashboards with combination charts for clear understanding
* Used React JS for templating for faster compilation and developing reusable components
* Communicate the application with oracle SQL.
* Fundamental mastery of the **AWS** cloud computing platform, and its many dimensions of scalability - including but not limited to: EC2, load-balancing with ELB, S3, Lambda.
* Hands on experience in **JAAS, JAVA SAP** Integration, **SSO**, Site Minder.
* Used React-autocomplete for creating google maps location search on the webpage.
* Experience in Client-Side **debugging** tools such as **Firebug**, **Fiddler** and **SOAP UI.**
* Strong knowledge of object-oriented concepts and experience working with languages like **C#**, **C++** and **Java**.
* Created Single page application using Node.JS to handle the data flow.
* Experience in report generation using SQL Server Reporting Services (SSRS), Tableau, Crystal Reports and MS Access Reports
* Having good understanding of various **J2EE** Design patterns like Singleton, Front Controller, Business Delegate, Service Locator, **DAO, VO** etc. Proficient in using **GOF** **JAVA design patterns.**
* Design and GUI development in Windows Presentation Foundation(**WPF**) and Windows Forms
* Proficient in building Web Applications using **HTML5**, **XML**, **AJAX**, **JavaScript** **(jQuery**, **React.Js**), **Bootstrap** and **CSS** in a Client/Web Server environment.
* Experience in report generation using SQL Server Reporting Services (SSRS), Tableau, Crystal Reports and MS Access Reports
* Expertise in using **Java/J2EE** design patterns including Intercepting Filter, **MVC**, Singleton, Data Access Object, Data Transfer Object, Service Locator, client-server and N-tier architectures.
* Developing and supporting **UNIX/Linux Korn shell scripting**.
* Used **MAVEN** as build-tool for building **J2EE** applications.
* Using Jenkins and **GIT** for building and deploying the projects and worked on **Stash** **GIT** repository software.
* Utilized React for its efficient data flow architecture to create a lightweight and render efficient web app that searched projects via the GitHub API through keywords.
* Involved in using React JS components, Forms, Events, Keys, Router, Animations and Flux concept.
* Created and consumed REST Web services for populating and saving data from/to database
* Using **GitLab** Repository
* Used Angular Expressions, Angular Functions and Angular Validations for front-end activity
* Implemented the application using **Spring Boot** and Spring Data Framework and security using Spring Security.
* Created mobile first web app to display executive reports of mission critical data and visualizations from Tableau server integration using React.js, Tableau JavaScript API and Restful web services
* Strong knowledge of Design including **J2EE** Design Patterns Singleton, **MVC**, **DAO**, Business Delegate, Front Controller.
* Design Client side architecture for UI development using JavaScript and JQuery
* Worked on fixing the bugs for improving the Code Quality using **Sonar Lint** in s.
* Experience with Linux Bash Shell Scripting, WinSCP, Putty and **Stash**.
* Used **JIRA**, **Stash**, Confluence, Splunk, Git, Source tree to provide tier 1 support for developer and operations staff.
* Expertise in implementing Service Oriented Architectures (SOA) with XML (SOAP/UDDI/WSDL) and REST based Web Services
* Designed and Developed reports using **SSRS**. Reports were developed against a variety of data sources which included **SSRS**.
* Created **LINQ** enabled database layer using **API** such as **LINQ** to SQL and **Entity Framework**.
* Advanced skills **in Unix/Linux shell programming**.
* Good Knowledge in building and deploying applications using Git, Grunt, Ant, Maven and **Bamboo** scripts.
* Used Maven for generating system builds and **Bamboo** for continuous integration (CI).
* A Good team player with excellent communication and inter-personal skills with a positive attitude towards work, loyalty towards time schedules for worthful delivery.

**Technical Expertise:**

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| Languages | Java 1.8, J2EE, PL, C#, C++, .NET, Linux, JavaScript, jQuery, AngularJS, React js, Bootstrap, Node.JS, Web Services, WCF, WPF, Remoting, Win Forms, Web Forms, SQL |
| Web services | REST and SOAP Web Services. |
| Development Tools | IBM RAD 6.0-7.0, Eclipse, Net Beans, IntelliJ and Spring Tool Suite |
| Protocols | TCP/IP, HTTP, HTTPS, OAuth 2.0 Protocol and Http Basic Auth. |
| Databases | Microsoft SQL Server 2008/2013/2014, R2, Oracle 10g. |
| Tools | Apache Maven, Jenkins, ANT and Postman, Docker Struts, Spring, Hibernate, Spring MVC, Spring Web Flow, Tableau, AWS, Spring IOC, Spring Security, Spring Boot, UDH for UCP, RESTful |
| Source Repositories | CVS, SVN, GITHub |

**Professional Experience:**

**Client: Vantiv, Cincinnati, OH May 2017 - Till Date**

**Title: Sr. Front-end Developer**

**Responsibilities:**

* Involved in initial requirement gathering. Played an active role in analyzing, documenting and designing the application.
* Played an active role in creating business document, functional document and Technical document.
* Developed **J2EE** web application using the **Java 7**, multi-threading, Spring **MVC** 4.1.0, Oracle JDBC and implemented caching in the application using IBM dyna cache.
* Designed and developed insurance application front end and back end business functionality, used spring, **J2EE** Design Patterns such as **MVC** and JSP/Servlets to develop the application.
* Designed, developed and maintained data layer using Hibernate and performed configuration of Spring Application Framework.
* Designed Hibernate configuration file in **ORM** model which automate the mapping between the **SQL** databases and objects in **java**.
* Used **GitLab** Enterprise addition for continuous integration and continuous development of code.
* Utilized **HTML 5, CSS, JavaScript**, and **AJAX** for client - side developments and validations.
* Used **Spring Boot** for developing MVC application.
* Involved in CICD process using GIT, Jenkins job creation, Maven build Create Docker image and deployment in AWS environment.
* Developed user interfaces using JSP, JSP Tag libraries **JSTL,** **HTML 5**, **CSS3** to simplify the complexities of the application.
* Used SQL and Tableau extensively for daily, weekly and monthly reporting to build the dashboards
* Experience in developing web UI using JSP, HTML5, CSS, JavaScript and Bootstrap
* Used Microservices to communicate using synchronous protocols HTTP and **REST**.
* Used Spring Core Annotations for Dependency Injection and **Spring** MVC for REST API's and **Spring Boot** for **micro-services**
* Added dynamic functionality to the application by implementing **jQuery** and **Angular JS**.
* Worked with **JSF** framework in developing user interfaces user interfaces using JSF UI Components, Validators.
* Capable of generating tableau dashboards with combination charts for clear understanding
* Developed REST Webservices using JAX-RS.
* Expertise in developing web services using **Stash**, **SOAP**, **WSDL**, **RESTful**, **JAX-WS, JAX-RS, JAX**-**RPC**.
* Used **Stash** for mandatory code reviews (through pull requests) to improve code quality and promote cross functional learning.
* Implemented custom **Stash** Plugin (Java) for integration with **GIT** for associating commits with user tasks.
* Experienced in designing **AWS** cloud models for Infrastructure-as- a-Service, Platform-as- a-Service and Software-as- a- Service.
* Scheduled Tableau Data Extracts using Tableau Server and the Tableau Command Utility
* Used **Stash** for source code management (SCM).
* Build servers using **AWS,** importing volumes, launching EC2, RDS, creating security groups, auto-scaling, load balancers (ELBs) in the defined virtual private connection.
* Used **SOAP** based **Web Services** from scratch to develop interfaces to integrate between front end systems and back end systems.
* Designed and built UI screens using Angular Material. Involved in screen Mockups for the application built using angular material and JavaScript and My Sql.
* Experience on Hudson/Jenkins and **Bamboo** for continuous integration and for the end to end Automation for all the build and deployments.
* Design Client side architecture for UI development using JavaScript and JQuery
* Used Web services for creating rate summary and used **WSDL** and **SOAP** messages for getting insurance plans from different module and used XML parsers for data retrieval.
* Developed **Java** and **C++** applications to create, update and delete data stored in relational databases using JDBC programming interface.
* Used **JMS** (Java Message Service) to send, receive and read messages in the application. Used different messaging models like Publish-Subscribe, Point-to-Point messaging along with **EJBs**.
* Worked on **MQ-Series** with **Java**, **JMS** on the WebSphere server side.
* Worked on Cassandra clusters in the Amazon Web Services (AWS) Cloud and migrated data between environments.
* Developed grids, progress bars, tabs, menus, sub menus in the application using different bootstrap components.
* Prototype CI/CD system with GitLab on **AWS** utilizing kubernetes and docker for the runtime
* Experience with Streaming platforms like Apache Kafka.
* Designed various tables required for the project in Oracle 11g database and used the stored procedures in the application and Wrote Stored Procedures, Triggers and Functions on SQL Server as well as **PL/SQL** on Oracle to support both databases for the application.
* Involved in the development of Standard XML reports and **XSLT** style sheets and Developed XML parser to convert java objects to **XML** and XML to java objects.
* Developed client/server and N-tier web applications using **Java**, **J2EE**, Apache Struts framework and Spring (MVC) framework.
* Have working knowledge of **C#** for backend requirements.
* Involved in writing the **JUnit** test cases and integration testing of the system.
* Used SVN for source code maintenance and for version control.
* Worked closely with the management to generate reports and provide visibility of critical numbers using Tableau.
* Written Maven Scripts to build generate WAR file and deploy the application.
* Implemented by using AGILE Methodology focusing on SCRUM.
* NoSQL database design and implementation with Cassandra and MongoDB.
* Maintained and debugged existing code **Jira, Stash/GIT**, and Used **SVN** for version control.
* **J2EE** application development on Windows and **UNIX platforms** using **MVC** pattern.

**Environment**: Java, J2EE, HTML, CSS, JavaScript, XML, JSP, Angular JS, Servlets, **Spring Boot**, Struts, Jasper Report, Restful, Hibernate, Web services, SQL, BPM, Oracle, GWT, React.Js, JQuery, Stash, AWS, Bootstrap, bamboo, cucumber, Microservices, Eclipse, GIT, GITlab, Tableau, Jenkins, Maven, Junit.

**Client: Paccar, Seattle, WA Jan 2016 - April 2017**

**Title: Front-end Developer**

**Responsibilities:**

* Followed the standard for **Software Development Life** Cycle Processes (Selection of a Life Cycle Model, Project Initiation, Project Monitoring and Control, Requirements, Design, Implementation, Installation, Operation and Support.
* Participated in periodic technical reviews of various modules and developed schema to improve them.
* Used, participated in Agile Methodologies for design and development of the applications.
* Involved in Scrum meetings for effective development.
* Performed system level simulations to test the impact of various links on the network performance.
* Used **AWS** SDK to connect with Amazon SQS for bulk email processing.
* Develop and maintain system test automation using Java, C++ and C#.
* Involved in complete Software Development Life Cycle (SDLC) with Object Oriented Approach of client's business process and continuous client feedback.
* Developed, maintained user interface screens using ASP .NET MVC, C#, Javascript, JQuery, Angular JS, HTML, CSS, Bootstrap UI.
* Worked closely with the management to generate reports and provide visibility of critical numbers using Tableau.
* Worked on Cloud Infrastructure, Automation it includes Amazon Web Services (**AWS**), Puppet and Chef.
* Responsible for React UI and architecture. Building components library, including Tree, Slide-View, and Table Grid.
* Used Façade pattern to provide a common interface as an entry point to various business services which were exposed as RESTful services
* Experience with Linux Bash Shell Scripting, WinSCP, Putty and Stash
* Worked on Database Development wrote SQL queries, Stored Procedures, Functions, Triggers using SQL Server Management Studio, SQL Developer and TOAD
* Setup Drools Rule Engine on **JBOSS** server and manage configuration.
* Involved in writing **java API** for Amazon Lambda to manage some of the **AWS** services.
* Used Micro-services to ensure the scalability of application on cloud infrastructure.
* Created Tableau scorecards, dashboards, Heat maps using show me functionality complex data views manually using multiple measures fine Tuning the Dashboards
* Developed application modules using Spring **Boot**, Spring Annotations, Spring Beans, Dependency Injection, with database interface using Hibernate.
* Used Spring **MVC** front controller pattern to handle requests starting with dispatcher servlet to handle incoming requests.
* Developed unit test cases in Junit, Mockito and powermock and improved code coverage to 90% in SONAR.
* Expertise in performing DOM manipulations, deferred calls, Client side events and validations using jQuery and AngularJS
* Fixed critical issues reported by SONAR and security issues by Fortify.
* Using **GIT/Stash** for version control system.
* Requirements, Design, Planning, Architecture, and Leading Development Live chat platform
* Creating Unit Tests using Mockito and **JUnit** and leveraging **SOAP UI** for testing the web services. Using Maven 2.0 is as a build tool for building the application and **GIT/Stash** for version control system.
* Works on MV Frameworks like Bootstrap, AngularJS, NodeJS
* Implementing Swagger Configuration in Java **Spring boot** for auto generating swagger json files for REST API call.
* Implemented Spring Bean Factory to create proxied object using AOP Framework.
* Experience with **SAML** single sign on configuration.
* Work with the Atlassian tools such **Git/Stash, JIRA** and **Crucible** for store and share the application code, issue tracking and code reviews respectively.
* Involved in the design and development of Batch Jobs using Spring Batch Architecture
* Used Hibernate as an **ORM** mapping tool and worked with Hibernate Query Language (HQL).
* Worked on backend logic using Servlets, **EJB** , **Hibernate** , **Unix/Shell Scripting** and **JDBC**
* Defined the Hibernate Configuration File, Hibernate Mapping using annotation and created classes to persist the data.
* Developed Message Driven Beans (MDB) as Queue listeners for JMS queues.
* Development of Application based on **J2EE** using **JSP,** Servlets, **Spring Framework**, and Rest Web Services with **JMS**.
* Used **AJAX** to call the REST API methods and connect to the backend.
* Implemented **SOAP** messages for information exchange for Web services.
* Worked on **REST-SOAP** transformation for services calls.
* Produced and consumed the web services data in the form of **JSON, XML**.
* Created different **XML** documents using **XML, XSD** and **XSLT**. Used E4X and Light DOM parser, and SAX parser for transforming the XML data.
* Developed classes using core **java** (multithreading, concurrency, collections, memory management) and some spring **IOC.**
* Used JSP, JavaScript, HTML, CSS and Bootstrap to show the messages that are received as responses
* Designed & developed the UI application using React JS, Rest, **Spring MVC**, **Spring Data JPA**, **Spring** Batch, **Spring** Integration & Hibernate.
* Configured **bamboo** automating the builds into Gradle archive repository.
* Developed various screens for the front end using React JS and used various predefined components from **NPM** (Node Package Manager) and Redux library.
* Used React JS for templating for faster compilation and developing reusable components.
* Created dynamic forms for displaying the data in the React **DOM** according the information from backend.
* Worked on React JS Virtual Dom and React views, rendering using components which contains additional components called custom HTML tags
* Performed modeling and simulation to support Design Group Responsibilities
* Used **J2EE SOA** based **JAX-WS** web services to develop reusable web service components.
* Configured Hibernate-**ORM** to map java objects such as clients and claims with database tables.
* Developed web interface for Users Modules using **JSP**, **HTML**, **XML**, **CSS, Java Script, AJAX**, and Action Servlets with Struts Framework, spring frame work.
* Used **GIT** for source control and Jenkins for continuous integrations
* Worked on **Jira** for User requirements and used **Jira** as bug tracking tools.
* Involved in unit testing, integration testing, **SOAP UI** testing, smoke testing, system testing and user acceptance testing of the application.
* Developed functions and store procedures using **SQL** for the Application.
* Wrote database queries using **SQL** and **PL/SQL** for accessing, manipulating and updating Oracle Database

**Environment**: Java 1.8, J2EE, HTML5, CSS3, Bootstrap, jQuery, AngularJS, Node.JS, **Spring Boot**, Spring AOP, Spring MVC, Spring Security, Spring Data, RESTful Services, React js, Javascript, SQL, Jersey, Hibernate, Gradle, Tableau, Unix/Shell Scripting, Micro Services, AWS (Amazon Web Services), Oracle, Docker, MongoDB, Mockito, Log4j, JIRA, GIT, Bamboo, Jenkins and Web Sphere Application Server.

**Client: National payments corporation, Mumbai, India Feb 2014 - June 2015**

**Title: Front-end Developer**

**Responsibilities:**

* Involved in Design and Code Construction with **OOPs** Implementation for building UI.
* Involved in Maintenance / Enhancements of the application which includes developing the new reports.
* Developed **JSP**, Tiles, Validator, Action classes and **EJBs** for various user transactions.
* Designed **Java Servlets** and Objects using **J2EE** standards.
* Implemented the project by using **MVC** framework.
* Used Struts Validator framework to validate user input.
* Worked closely with the management to generate reports and provide visibility of critical numbers using Tableau.
* Used Struts **MVC** framework along with **JST** for developing **J2EE** based web application.
* Designed Implementation of **GUI** using **HTML**, **JSP** and **Java Script** for front-end validations.
* Implemented Singleton Design Pattern by sharing the single service locator object across different Business Delegates.
* Developed the **XML** Schema for the data maintenance and structures.
* Involved in using React JS components, Forms, Events, Keys, Router, Animations and Flux concept.
* Implemented EJB session beans, messaging technologies like Message Driven Bean, **JMS**.
* Involved in designing Database Connections using **JDBC**.
* Involved in design and Development of **UI** using **HTML**, JavaScript and **CSS**.
* Utilized React for its efficient data flow architecture to create a lightweight and render efficient web app that searched projects via the GitHub API through keywords
* Used **JSP** for presentation layer, entity beans as the model to represent the persistent data and interacted with Oracle database as per **MVC** Architecture.
* Used **JDBC** calls in the Enterprise  to access Oracle Database.
* Involved in Integration testing and defect fixes.
* Developed **Unit Test** Scenarios and tested Test Scenarios in Web methods using **N-Unit**.

**Environment:** Java, J2EE, Junit, JDK 1.5, Spring core, Spring MVC, Javascript, Hibernate, SOAP/Rest Web services, Ajax, XML, jQuery, React.Js, HTML, CSS, TC Server, Tableau, SVN, Maven, Jenkins, Splunk, SFX, MAX, SEED. Oracle

**Client: Easylink, Chennai, India Jan 2011 - Jan 2014**

**Title: Java Developer**

**Responsibilities:**

* Involved in Design and Code Construction with **OOPs** Implementation.
* Involved in Maintenance / Enhancements of the application which includes developing the new reports.
* Developed **JSP**, Tiles, Validator, Action classes and **EJBs** for various user transactions.
* Designed **Java Servlets** and Objects using **J2EE** standards.
* Implemented the project by using **MVC** framework.
* Used Struts Validator framework to validate user input.
* Used Struts **MVC** framework along with **JST** for developing **J2EE** based web application.
* Implemented Hibernate to map all the tables from different data sources to make database updating.
* Designed Implementation of **GUI** using **HTML**, **JSP** and **Java Script** for front-end validations.
* Implemented Singleton Design Pattern by sharing the single service locator object across different Business Delegates.
* Developed the **XML** Schema for the data maintenance and structures.
* Implemented EJB session beans, messaging technologies like Message Driven Bean, **JMS**.
* Involved in designing Database Connections using **JDBC**.
* Involved in design and Development of **UI** using **HTML**, JavaScript and **CSS**.
* Used **JSP** for presentation layer, entity beans as the model to represent the persistent data and interacted with Oracle database as per **MVC** Architecture.
* Used **JDBC** calls in the Enterprise  to access Oracle Database.
* Involved in Integration testing and defect fixes.
* Developed **Unit Test** Scenarios and tested Test Scenarios in Web methods using **N-Unit**.

**Environment:** Java, J2EE, Junit, JDK 1.5, Spring core, Spring MVC, Hibernate, SOAP/Rest Web services, Ajax, XML, jQuery, HTML, CSS, TC Server, SVN, Maven, Jenkins, Splunk, SFX, MAX, SEED. Oracle