**THARUN KUMAR BORRA**

**Role: Software / Java Developer**

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* 8 years of IT experience as a Software/ Java developer on various platforms with emphasis on application design, implementation, deployment and maintenance of web-based n-tier architecture systems.
* Extensive work experience in Object Oriented Analysis and Design, **Java 8/J2EE** technologies including **HTML5, CSS, AJAX,** and **Oracle** for developing server-side applications and user interfaces.
* Expert in Core Java with in-depth knowledge of **Multithreading, OOPs** concepts**, Exception** handling and Collection framework.
* Hands on experience on Spring Core Annotations for Dependency Injection **Spring DI** and **Spring MVC** for **REST API**s, **Spring Boot**and**Micro Services**.
* Experienced in designing J2EE applications using **spring, EJB, struts** frameworks and **MVC** patterns**.**
* Worked on different modules of spring including Spring IOC, Spring ORM, Spring Security and Spring Boot and Spring Batch.
* Extensive experience in working with different databases such as **Oracle, SQL Server, DB2, MySQL** and writing Stored Procedures, Functions, Joins and Triggers for different Data Models.
* Expertise in developing applications with **Java 8, EJB, JDBC, JSP, Servlets** and **Design Patterns**.
* Experience in the functional usage and deployment of applications in **JBoss, WebSphere**and **Apache Tomcat** Server.
* Extensive experienced in working with message-oriented applications using **JMS**, **Rabbit MQ**.
* Good working knowledge in NoSQL databases like **MongoDB**.
* Proficient in developing applications using ORM framework **Hibernate.**
* Experienced in developing UI screens using **CSS, Html, Angular JS, JavaScript** for validations
* Extensive experience in web services to implement SOA using **SOAP, WSDL, UDDI** and **REST**.
* Expertise in using open source framework and testing technologies like **JUnit, SOAP UI, POSTMAN** and **log4j.**
* Worked with different **IDE’s** like **Eclipse, IDz, Net Beans** and **IntelliJ.**
* Good working knowledge on **SVN**, **Bit bucket** and **GIT** for version control.
* Experienced in using integration tools like **Jenkins** and **Bamboo**.
* Work experience in **AGILE, Scrum** and **Waterfall** models of **software development.** Good leadership, interpersonal skills,commitment, result oriented, hard working with a quest to learn new technologies and undertake challenging tasks.

**Skills**

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| **Java/J2EE** | Java, JDBC, Servlets, JSP, JPA, XML |
| **Web** | HTML5, CSS, AJAX, JavaScript, Angular2. |
| **Frameworks/ORM tools** | Spring, Spring Boot, Struts, Hibernate. |
| **App Servers/ Middleware** | Tomcat, JBOSS, WebSphere. |
| **IDE/GUI Tools** | Eclipse, NetBeans, IntelliJ, IDZ, Tibco Jasper Soft. |
| **Operating System** | Linux, Mac OS X, Windows. |
| **Web services stack** | WSDL, SOAP, RESTFUL. |
| **Database/Tools** | Oracle, MySQL, DB2, Teradata, Mongo DB. |
| **CI/CD Tools** | Maven, Jenkins. |
| **Version Control& Bug tracking tools** | SVN, Bit bucket, Git, JIRA |
| **Miscellaneous** | Shell scripting, Junit. |
| **Cloud Environment** | AWS s3 – Bucket, EC2 |

**EDUCATION**

* Jawaharlal Nehru Technological University, Andhra Pradesh, India

Bachelors in Electronics and Communication Engineering.

**Client: VERIZON, Alpharetta-GA Nov 2019-Till Date**

**Role: Software/Java Full Stack Engineer**

**Description:** The Main Purpose of the project is to handle the customer different bill cycles data over the month and developing custom view-based audit tool. Application includes various types of reports for the customer-based business requirements. Data is collected from across the different Verizon source systems and handled in the tool with different business logics before we generate the reports.

**Responsibilities:**

* Involved in Full Cycle Software Development from Analysis through Design, Development, Integration and testing phases and worked on **Microservices** in Clin Audit tool for Verizon billing system.
* Designed Standalone application using **Spring Boot** and integrated SPLUNK API to generate the log reports on daily basis for BAU application.
* Experienced in Netflix Eureka service registry.
* Used spring config server for centralized configuration and Splunk for centralized logging. Used Concourse and Jenkins for Microservices deployment
* Developed **RESTful Web Services** using **Spring API** to communicate over the network.
* Used Core Java concepts like **Collections**, **Multi-threading**, **Exception handling, IO** to develop business logic and worked on Java 8.
* Developed **DAO'S** for retrieving and fetching the data from **Oracle** and **Teradata** database using **SpringJDBC**.
* Tested web services using **Postman** tool and from **Swagger** in **JSON** format.
* Worked on **Apache Tomcat Server** for deploying and testing the application.
* Created Upload and Download folder in **S3** bucket in the **AWS** environment to store files and integrated with application, sometimes which are required to serve static content for a web application.
* Used Spring Kafka API calls to process the messages smoothly on Kafka Cluster setup.
* Had knowledge on **Kibana** and Elastic search to identify the Kafka message failure scenarios.
* Implemented to reprocess the failure messages in **Kafka** using offset id.
* Implemented Kafka producer and consumer applications on Kafka cluster setup with help of Zookeeper.
* Used **Spring Kafka API** calls to process the messages smoothly on Kafka Cluster setup.
* Worked on few **UI** modules using **HTML**, **CSS, JSP, JavaScript, jQuery and Angular JS** to complete day to day production issues.
* Used **Maven** as build tool and configured **Log4j** tool to log the entire application.
* Worked on **XML Technologies likeXML Parsers, JAXB** for binding data to java objects
* Worked on SQL loader and CTL file scripts for Data loading and Data merging in Oracle SQL and Teradata databases.
* Worked on custom **Hibernate queries** and custom **JDBC SQL** to invoking the data base to access accounts of Customers.
* Used **Eclipse IDE** toolfor development of the project. Tomcat Application server is used for deployments in all environments.
* Involved in development of test environment on Docker containers and configuring the Docker containers using Kubernetes.
* Used **SQL** for writing the database queries to get the required data for batch jobs and also for the individual account.
* Worked on Email alerts for the tool to monitor batch process scheduled at various period round the clock.
* Coordinated various Scrum Meetings as a **Scrum Master** to delegate tasks and user stories to development teams.
* Developed interfaces and their implementation classes to communicate with the **mid-tier (services)** using **JMS.**
* Used **SOAP Web Services** for **XML** data transfer by using **Service Oriented Architecture** (**SOA)**, **SOAP, WSDL.**
* Fixed all the Blocker issues for different applications in the **SonarQube**.
* Used **GIT** as version control and **Eclipse IDE** as development tool.
* Prepared **Jenkins** scripts to deploy the code in QA and PROD environment.
* Fixed **Fortify** Critical and high-level issues as per the tool suggestions in Dev Environment.
* Documented all the development related designs and stored at project page in the confluence.

**Environment:**Java 8, RESTful, Spring Boot, Microservices, Spring JDBC, JSON, XSD, JAXB, HTML, CSS, Maven, Collections, Multi-threading, Oracle SQL, Teradata Database, Confluence, Log4j, GIT, Postman, Eureka, AWS, Apache Tomcat Server, Splunk, Eclipse IDE.

**Client: BANK OF THE WEST, Tempe, AZ Aug 2018-Oct 2019**

**Role: Software Engineer**

**Description:**The Main Function of the project is a reconciliation of B2N clients providing consolidated information reporting all the incoming payments streams in a single view and/ or file, remittance data capture, re- association of remittance data to incoming payment, payment with remittance data matching to the open invoices and posting a file.

**Responsibilities:**

* Developed an Application Consolidated Receivables to our Payment System platform, performance issues and troubleshooting.
* Analyzed of highly complex business requirements and generate technical specifications to design or redesign complex software components and applications.
* Involved in analysis and design phases of Software Development Life Cycle (**SDLC**).
* Followed agile methodology (Stand up meetings, **Sprint** development and retrospective meetings).
* To model, simulate and analyze solutions to connect with payment systems supporting **NACHA, WIRES, Check Printing, EDS and Item processing.**
* Developing a fully functional application using JavaScript(jQuery) connecting to a**RESTful** server on a different domain.
* Worked on LINUX machine to troubleshoot the application and **JBOSS** application server to monitor logs.
* Worked with modules like MongoDB and mongoose for database persistence using Node.js to interact with MongoDB.
* Worked on Web and Mobile Applications with **Polymer JS, Java 8, WebSphere, Spring, Oracle** and**.**
* Involved in developing code for obtaining bean references in spring framework using Dependency Injection (**DI)** or Inversion of Control (**IOC**) using annotations.
* Integration work with Middleware (**ESB**) with message security and encryption methodologies.
* developed**Restful**and **SOAP** Services in design methodologies.
* worked on Agile methodologies using tools such as **JIRA**
* Handled multiple competing priorities in fast-paced environment
* Performed Code reviews and impact analysis of functionality.
* Used **Spring MVC Transaction Management**, **Spring/Hibernate Batch Transactions, Hibernate cache concepts.**
* Perform Unit Testing for the application as per the requirements.
* Prepare the detailed software specification and test plans.
* Gather and analyze system requirements, document specifications, and develop software solutions to meet client needs and data.
* Drive through critical calculations and reporting for the front/middle/back office departments to conduct daily activities.
* Full life cycle experience including requirements analysis, **UMLs**, data model design, coding, testing and creation of functional and technical design documentation.
* Designed and Developed the UI modules using **SpringMVC**, **JavaScript, Html, CSS** and**Angular JS.**
* Implemented **Angular** routing using angular directives and implemented services with Ajax calls.
* Primarily focused on the spring components such as Dispatcher Servlets, Controllers, Model and View Objects, View Resolver.
* Involved in writing **JSF** Backing Beans for controlling the **UI** and writing custom components and validations.

**Environment:** JDK 1.8, Java 8, Spring MVC 2.5, JSP, JSTL, JavaScript, Angular JS, Node JS EJB 3.0, SOAP, Struts 1.2, Web Service, JPA/Hibernate 3.0, JQuery, Html & CSS.

**Client: :University of Dayton, Dayton, OH Apr 2017-July 2018**

**Role: Java Developer**

**Description:** The Main Function of the project is to provide a digital payment and communication platform in the university level. The project will help the University to enhance and maintain the records for the students especially in housing department. It includes payments to the University housing, Dashboards, Announcements, Communication between students.

**Responsibilities**:

* Interacting with Product Owners to fine tune user stories and requirements and testing team to approve Functional Specification and test cases. Interacted with Product Managers to fine tune user stories and requirements and testing team to approve Functional Specification and test cases.
* Used **JSP, JavaScript**, CSS, Bootstrap, Angular JS to create interactive user interface.
* Used **spring security** framework for authentication and authorization of the application.
* Developed the **spring AOP** programming to configure logging for the application.
* Used **Hibernate** ORM framework integrated with spring for database connectivity.
* Developed **SQL** procedures for login module and written complex **SQL** queries.
* Built Enterprise JavaBeans with Point-to-Point messaging functionality and MQ series as JMS provider.
* Implemented Data Access Objects (DAO) to abstract and encapsulate access to the data source.
* Used **Restful API** and experience in web services, developed using **JAX- RS** and **SOA.**
* Performed purification of the application database entries using **Oracle and DB2**.
* Using **GIT** for software configuration management and version control to pull and push the source code of the application.
* Develop strategy for integrating internal security model into new projects with **Spring Security** and **Spring Boot** Experience building **REST** and **SOAP** web services using Java 8 and tested in **SOAP UI**
* Used **Angular2**, CSS, **Bootstrap**, and **HTML5** to create interactive user interface.
* Defined project structure and modular approach for the Angular2.
* Implemented reusable **components** and **services** using Angular2 core modules and Observables.
* Written custom **directives** and **pipes** that serves the user needs.
* Used secure **O-Auth** framework for authentication and authorization of the application.
* Used **Hibernate** ORM framework integrated with spring for database connectivity.
* Implemented Data Access Objects (DAO) to abstract and encapsulate access to the data source.
* Used the LOG4j to log regular Debug and Exception statements.
* Deployed the application in customized **Web Sphere Liberty** application server.
* Deployed the application in various environments DEV, Sandbox and Production using Bamboo.
* Used the **LOG4j** to log regular Debug and Exception statements.
* Co-ordinate with Team Members to ensure delivery on time and provided technical assistance to team to design, debugging of the application.

**Environment:** Java 8/7, spring, Angular2, Type script, angular CLI, Struts, JSP, JavaScript, JBoss, Oracle, Restful services, Micro Services, Git, Maven, Jenkins, Eclipse, Junit, Design Patterns, Karma, Jasmine, Web Sphere Liberty, IHS, Oracle, DB2, Restful services, Bit bucket, Source Tree, JIRA, Maven, IDz’, Junit, and Agile.

**Client: HSBC, Buffalo, New York Jun 2015-Mar 2017**

**Role: Java/J2EE Developer**

**Description:** The MF (Mutual Fund) Data Center Move project involves in moving of HSBC regional data center to a new location. This is a sizable and critical operation with very specific goals intended to meet Wells Fargo's future goals.

**Responsibilities:**

* Involved in analysis, design, coding and testing phases of software development.
* Migrated **Struts 1.x** legacy application to **Spring MVC**& wrote Controllers for existing Action classes.
* Developed **RESTful Web services** to expose the middleware services in **JSON** format.
* Created various **MongoDB** collections and wrote services to store and retrieve user data from the application.
* Developed **POJO’s, Data Access Object (DAO) to** handle all database operations and used **Hibernate** in persistence layer.
* Developed front end GUI using **HTML5, CSS3, JQuery, AngularJs1.x and Ajax** and enforced the look and feel standards using the style sheets, common headers, footers & menus, & web page templates using **Apache Tiles**.
* Worked on **UNIX, shell Scripting** for doing the configuration management.
* Worked on **Spring Security**, **Spring BatchProcesses** and **shell scripting** to invoke them on UNIX environment.
* Tested JSPs on **Firefox** and **Internet Explorer** browsers. Identified and fixed browser related issues.
* Used **JBOSS** as the app server for deploying and **IntelliJ** as IDE for development.
* Used**Subversion(SVN)** for version controlling and **JIRA**for issue and bug tracking.

**Environment*:*** Java-J2EE, JDK 1.7, JSP, Servlets, Spring 3.x, Spring MVC 3.x, Struts 1.x, Hibernate 3.5, JPA, Spring Security, Json, Jersey 1.9,Oracle, MongoDB, PL/SQL, Unix, Shell Scripting, Apache Tiles, AngularJs1.x, JIRA, HTML5, CSS3, XML, Maven 3.x, Subversion, JBoss Application Server, IntelliJ, Agile and Scrum Methodology.

**Client: Approsys - Hyderabad, India Nov 2013-May 2015**

**Role: Java/J2EE Developer**

**Description:** Approsys core portfolio comprises business process services, outsourcing, development, HR consulting and corporate training. We deliver a broad portfolio of information technology and business process outsourcing services to clients in the manufacturing, financial services, healthcare, communication,and retail industries and to governments around the world.

**Responsibilities:**

* Consuming and exposing various Web services using **JAX-RS** and **JSON** to different systems for business services.
* Extensively worked with core java like collections, String Builder, and interfaces
* Used **Apache CXF** framework to build complex frameworks.
* Developed complex Web Services and tailored **JAX-RS** API to suit the requirement.
* Development of UI models using **HTML, JSP, JavaScript, AJAX, Web link** and **CSS.**
* Primarily focused on the spring components such as **Spring MVC, Dispatcher Servlets, Controllers, Model,and View Objects, View Resolver.**
* Worked on **SOA/Web Services** and created **request** and **response WSDLs**.
* Developed a multi-user web application using **JSP, Servlet, JDBC, Spring Boot,**and**Hibernate framework** to provide the needed functionality.
* Involved in implementation of enterprise integration with Web Services and Legacy Systems using **SOAP** and **REST** (Using Axis and Jersey frameworks).
* Generated **DAO’s** to map with database tables using Hibernate. Used **HQL** (Hibernate Query Language) and Criteria for database querying and retrieval of results.
* Uses Second Level Cache to enhance performance and Proper Memory Management
* Developed SQL Queries for performing CRUD operations in Oracle for the application.
* Wrote **JUnit** Test cases for Spring Controllers and Web Service Clients in Service Layer using Mockito.
* Designed and developed the application using AGILE-SCRUM methodology.

**Environment**: Java/J2EE, Core Java, Jdk1.6, Spring Boot, Hibernate, Webservices, JAX-RS, Mockito, WADL, SOAPUI, JSP, JDBC, jQuery, AJAX, Html, CSS, Maven, log4j, Oracle, MS SQL, PL/SQL, SQL Developer, JIRA, JMS, APACHE AXIS, Source Tree, IntelliJ, GIT, UNIX, AGILE-SCRUM**.**

**Client: Vsoft Technologies Mar 2012-Oct 2013**

**Role: Java/J2EE Developer**

**Responsibilities:**

* Designed and developed B2B components using **Spring Boot 4.x, Apache Camel 2.x, JMS, JAXB, JAX-RS 2.0, Jersey 2.x**
* Developed Single Sign On for Freddie Mac customers to the different applications using **RESTful Web services**with **Jersey 2.x** and tested services using **SoapUI**toolin**XML**.
* Implemented DAO layer using **MYBatis**for data base operations.
* Created and configured Java Beans using **Spring IOC**.
* Used **Apache Camel framework** for **integration** and **routing**.
* Used Jackson **RESTful API** to write services for UI and backend integration**.**
* Worked with DB team to write stored procs that serve business functionality.
* Using **Bit bucket** for software configuration management and version control to maintain application source code. Deployed the built application in **JBoss** application server.
* Implemented some design patterns which greatly boost the performance of the application.
* Deployed the application in various environments DEV, QA and also Production using **Jenkins**.
* Worked on **XML Technologies likeXML Parsers, JAXB** for binding data to java objects
* Developed interfaces and their implementation classes to communicate with the **mid-tier (services)**using **JMS.**
* Developed core java concepts like **Collections, Multi-Threading, Garbage Collection** and **Synchronization.**
* Used **Linux** for server side operations in DEV, SIT and UAT environment.
* Used **MS SQL Server**databasesoperations &**WeblogicApplication Server** for deploying and testing.
* Tested the entire application using **Selenium** automation testing framework.
* Used **Maven** as build tool and **Log4j** tool for logging and **RAD** as IDE for Development.
* Used **Clear case** as source repository, **JIRA** as bug tracker, **Jenkins** as CI server and used agile methodology.

**Environment*:*** Java 1.8/1.7, Spring Boot, Jersey 2.12, Apache Camel 2.x, MyBatis, Selenium, XML, XSD, JMS, MS SQL Server, Log4j, Garbage Collection, Unix, SoapUI 5.0, Maven, JIRA, Jenkins, Linux, LDAP, Clear case**,** Linux**,** Oracle BEA WebLogic Server 12.1.3, Agile Methodology, Rapid SQL, RAD, PuTTY