

KRISHNA GANDRA

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- Around 9 years of professional experience of developing enterprise applications using Object oriented methodologies, enterprise technologies, frameworks and design patterns.
- Good experience and knowledge in various development methodologies like Test Driven Development (TDD), Scrum, Agile.
- Extensive experience in developing web pages using HTML/HTML5, XML, DHTML CSS/CSS3, SASS, LESS, JavaScript, React JS, Redux, Flex, Angular JS (1.X) jQuery, JSON, Node.js, Ajax, JQUERY Bootstrap.
- Hands on experience in the areas of Web applications using J2EE technologies like Java, EJB, Servlets, JMS, JSP, JPA, XML, JDBC, Web Services (SOAP, RESTful, WSDL).
- Strong Hands-on experience with Struts, Spring, Hibernate and JUnit frameworks.
- Expertise in design and development of Web service which includes of handling SOAP/REST Requests and Response, WSDL, JAX-WS, JAX-RS and Web service authentication.
- Responsible for creating and maintaining architecture for Restful API using Spring Boot.
- Excellent understanding of Cassandra Architecture and management tool like OpsCenter.
- Experience in using React JS components, Forms, Events, Keys, Router, plus Redux, Animations and Flux concept.
- Having Good Analytical, Problem-solving skills and be able to discuss technical difficulties with the team.
- Used Spring Boot Actuator to monitor and manage the application in production environment.
- Exposure to NoSQL database programming - Apache Cassandra.
- Proficient in using AWS (Amazon Web Services) services like EC2, VPC, Cloud Watch, Cloud Front, Cloud Formation, IAM, S3, Amazon RDS, Elastic Cache, SNS, SQS.
- Worked on Lambda Expressions, Functional interfaces Stream API's, Time API, and Improvements on Collection, Concurrency, and IO improvements by using Java 8.
- Experience in handling messaging services using Apache Kafka.
- Hands-on experience in using Eclipse, Log4j, Sl4fj, JUnit, Mockito for building, logging, testing.
- Strong MySQL and MongoDB administration skills in Unix, Linux and Windows.
- Proficient in using RDBMS concepts with Oracle 9i/10g, DB2 and MySQL.
- Extensive experience in automated testing frameworks like Selenium Web Driver.
- Experience on Java Multi-Threading, Collection, Interfaces, Synchronization, and Exception Handling.
- Good experience in writing SQLQueries, PL/SQL, Stored Procedures, functions, packages, tables, views, triggers and data connectivity and data integration of Oracle.
- Used various web servers like Apache Tomcat, JBOSS, WebLogic and IBM WebSphere
- Experience in using Version Control Systems like CVS, SVN, and Clear Case
- Highly organized with the ability to prioritize workload, manage multiple projects and meet project deadlines by following project standards and procedures as per client specifications.

Work Experience

Full Stack Java Developer

American Express - Phoenix, AZ

August 2021 to February 2023

Responsibilities:

- Involved in all phases of application lifecycle including design, development, unit testing, and on call support during production live.
- Worked with management, analysts and end users to create Project workflow rules, design mockups, data validations and design strategies.
- Developed user interface by using the React Js, Flux for SPA development.
- Implemented client-side Interface using React Js.
- Worked in using React Js components, Forms, Events, Keys, Router, Animations and Flux concept.
- Build React components and stand-alone functions to be added to any future pages.
- Responsible for developing a front-end application using React Js and FLUX architecture for internal team's productivity use.
- Working with React Router for developing Single Page Applications SPAs.
- Worked on responsive design and developed a single ISOMORPHIC responsive website that could be served to desktop, Tablets and mobile users using React Js
- Implemented the Drag and Drop functionality using React -Dragable thoroughly performed unit testing and integration testing.
- Created reusable React components and managed application state with Redux.
- Applied redux middleware using redux-promise, redux-thunk and redux-saga.
- Used redux-form to manage form state in redux.
- Involved in development of project back-end logic layer by using most of the core java features such as Collection Framework, Interfaces and Exception Handling programming and Java 8 features.
- Built Maven application using spring boot. Used Jenkins in cross platforms and deployed EAR to WAS servers in related environments.
- Developed Data access layer using Spring Data and Hibernate to access and update information in the database.
- Experience in JSON to XML transformations and vice versa to support different services of application and involved to test REST APIs using Postman and SOAPUI.
- Used Lombok Java library, annotations to refactor and build efficient quality code by avoiding getters and setter's implementation.
- Use of tools such as PMD, find bugs, Jenkins, Sonar to ensure the continuous integration in the project.
- Developed Unit tests for applications using Mockito.
- Developed custom log filters and configuration to requests.
- Experience in working with various spring framework modules like Spring Core, Spring IOC, Spring Data JPA, Spring AOP, Spring Security, Spring Transaction, Spring JDBC, Spring MVC, Spring Integration.
- Developed batch jobs using Spring Batch and Develop email notification system for system failures using Spring Mail.
- Supported bug-fixing, enhancements, troubleshooting various application errors, exceptions and roadblocks on different environments and implementation of new requirements.
- Developed messaging engine using Spring JMS and Spring AOP for audit logging.
- Developed and executed unit test cases using JUnit framework by supporting TDD.
- Developed automated unit testing using Junit and Mockito frameworks.
- Used Rally Resolve the Service Requests raised and Jenkins for continuous integration.
- Used Unix Shell Scripting for generating daily reports in Linux environment.
- Worked in agile environment and used Apache Tomcat as application server.
- Used Maven for project management and GitLab for version controlling.
- Everyday tasks include agile, Jira, GitLab.
- Interacted with business user community to implement and review new features, document and design specifications, as well as maintaining and improving legacy code on the existing framework.

Environment: Java 8, Spring REST, Spring MVC, Spring AOP, Spring Boot, Spring DATA, Spring JMS, Hibernate, Oracle SQL, Jenkins, JUnit, Log4j, Spring Framework, SOAP, XML, TypeScript, JavaScript, Git, Apache Maven, JUnit, HTML/DHTML, NPM, React.

Full Stack Java Developer

PNC Bank - Pittsburgh, PA

January 2019 to July 2021

Responsibilities:

- Design and develop the restful service endpoints to migrate and replace existing customer's Mailbox to third party OX (Open Exchange) Service by calling OX SOAP web services.
- Responsible for Continuous Integration (CI) and Continuous Delivery (CD) process implementation for database using Jenkins and Deploy.
- Developed server-side utilities using Java Beans, XML and Apache Camel.
- Used java 1.8 in developing lambda expressions, created interfaces with the default and static methods.
- Implemented Microservices architecture using Spring Boot for making application smaller and independent.
- Implemented Spring boot microservices to process the messages into the Kafka cluster setup.
- Extensively involved in developing REST web Confidential based java clients and producers to communicate with Mainframe and SharePoint systems using IBM-WINK.
- Involved in design and developing the Micro Services based on the requirements functionalities.
- Created the business logic for the create update and delete mailbox rest service operations.
- Used Apache wink for consuming Restful Webservices.
- Used Java8 features like stream and Lambda expressions.
- Developed integration test for create, update and delete mailbox restful operations.
- Used customized Smart Integrator workflow framework which is integration-centric application and allow developer to focus on developing business logic using reusable, configurable, retrievable java-based workflows and stages.
- Developed business logic and presentation/controller phase.
- Handled Query Functionality in all the Modules with Java, multithreading concepts and C++.
- Developed action classes, service and DAO layers in all the modules for the quality and functionality
- Experience with Front-end JavaScript frameworks like Angular JS, Node JS. And with the creation of RESTful Web service.
- Designed the Web application implementing the Struts framework for Model-View -Controller (MVC) pattern to make it extensible and flexible.
- Implemented the Consolidated applications front-end pages using JSP, JSTL, and Struts Tag Libraries.
- Contributed to the DevOps to automate the build and deployment process using Jenkins, shell scripting, chef, Python, AWS Lambda, Cloud Formation Template.
- Built Angular 8 components, UI services to consume rest services using Component based architecture provided by Angular 8.
- Used Spring Framework for Dependency injection and integrated with the Struts Framework and Hibernate.
- Hands on experience on using Core java concepts like Multithreading, RMI and RCP.
- Configured connection caches for JDBC connections.
- Used extensive JavaScript for creating the Global templates that can be used across the JSP Pages.
- Experience in migrating data from Oracle database using Spring JDBC to Apache Cassandra (Datastax) NoSQL Database.
- Worked with NoSQL database to store JSON like dynamic connections data.

- With the concept of ReactJs Worked on usage metrics and end to end events tracing for analysis purpose.
- Used NoSQL databases like AWS Dynamo db. and S3 for data persistence.
- Involved with the admin team to setup, configure, troubleshoot and scaling the hardware on a Cassandra cluster.
- Functional analysis, Design and Unit Test Case preparation and review, design and code implementation and enhancements of the application.
- Data validations performed using JavaScript.
- Developed user interface with Java Server Pages, Ajax, DHTML support to speed up the application form filling.
- Experience in design and developing Application leveraging MongoDB.
- Apache Tomcat is used as a web server.
- Used Java Messaging Service (JMS) for the communication.
- Used Cucumber as an automated test tool.
- Expertise in developing RESTful Webservices (service provider) by using Apache Wink framework with multiple approaches and performed testing by using POSTER tool.
- Testing, Bug fixing and maintenance.
- Followed Spring MVC Framework for the alteration of the project.
- Wrote JUNIT Test cases for Spring Controllers and Web Service Clients in Service Layer using Mockito.
- Written Junit Test Cases for the Rest modules.
- Used REST-CLIENT for testing the Web-Service.
- Debugging the Application in the Eclipse IDE.
- Used GitHub as the source version control.
- Written Apache Camel routed depending on the requirement.

Environment: Java 1.8, OSGI Karaf, Web services (Restful, SOAP), Cassandra 2.0/2.1, React Js, Hibernate, Gradle, Soap UI, JAXB, XML, MongoDB, Confluence, Node Js JIRA, GitHub, JUnit, J2EE, Jasper Report, Apache wink, HTML5, CSS3, AWS EC2, JavaScript, Servlets, JSP, JSTL, JMS, XML, XSLT, UML, Struts, Angular 8, Ajax, CVS, UNIX, Eclipse IDE, Apache Kafka, Maven, EJB, Hibernate, LDAP, JNDI, DOM, SAX, ANT, WebLogic.

Java Developer

JB Hunt - Bentonville, AR

July 2017 to December 2018

Responsibilities:

- Requirements gathering, develop, implement, test, and deploy enterprise web applications using Sencha ExtJS, JavaScript, CSS, and HTML.
- Configured Jenkins as a common build engine to build and deploy applications to DEV, QA, and UAT and PROD environments.
- Developed service classes, domain/DAOs and controllers using Java/J2EE technologies.
- Designed and developed Micro services, Rest using Spring Boot, Spring MVC, Spring Batch, Spring Integration based on the requirements.
- Used JMS Consumers to read the data from Rest API and JMS Producers to produce error queues.
- Responsible for building scalable distributed data solutions using Datastax Cassandra.
- Redesigned and re-implemented services using NGINX, Node JS, Express JS, Mongo DB, and NoSQL.
- Used Angular 4 Reactive forms to implement complex forms and performed the validations using Form Builder.
- Experience in creating Cluster Health Reporting and forecasting for Marklogic Distributed NoSQL database.

- Experience with creating script for data modeling and data import and export. Extensive experience in deploying, managing and developing MongoDB clusters. Experience in creating JavaScript for using DML operation with MongoDB.
- Designed and developed Web Services using Web Services Framework - Tomcat Servers.
- Working on Active MQ Messaging Service for Integration.
- Extensively involved in coding with Core Java concepts like Collections, Exception Handling, Multithreading, Java I/O, and Generics to implement business logic.
- Working with SQL queries to store the data in MS SQL Server.
- Building and unit testing using Maven, Junit, Mockito.
- Working on Continuous Integration using Jenkins/Hudson.
- Worked with HTML5, CSS3, JSON, JavaScript, React Js and ES6 for developing user interface.
- Closely worked with Kafka Admin team to set up Kafka cluster setup on the QA and Production environments.
- Rich experience developing web applications using Angular 7.0/6.0/2.0 and AngularJS with its extensive features for loading views in a Single Page Application (SPA) and implement an MVC framework.
- Experience in creating Java Script for using DML operation with Mongo DB.
- Participating in all phases of the development life cycle including analysis, design, development, testing, code reviews and documentation as needed. Used JSON and XML for data exchange between application modules.
- Developed Custom Tag libraries to customize front end & to enforce security in the front-end at various levels like page, panel, links/button & visible/editable fields.
- Implemented various Validation Controls for form validation and implemented custom validation controls using Object Oriented Java script.
- Worked in agile test-driven development environment and participated in iteration planning meeting and daily scrum meetings.
- Developed web services using RESTful technology to support JSON and XML using JAX-RS.
- Developed and debugged the application using IntelliJ IDE.
- Migrated Applications from Spark to Spring boot.

Environment: Java, Spring MVC, Spring boot JDBC, React Js, Cassandra 2.1, WebLogic, SQL Server 2012, IntelliJ, JSON, HTML5, AJAX, Angular 4 CSS3, Hibernate, MongoDB, REST, SOAP, Node Js SVN, TFS, JavaScript, Sybase, Angular JS, PostgreSQL, Apache Kafka, Tomcat, TFS, GIT, SVN.

Java Developer

AIG - Houston, TX

January 2016 to June 2017

Responsibilities:

- Developed Required Action classes and presentation layer forms and java beans containing the business logic with the help of Core java.
- Used Git as a source code management Tool.
- Development UI modules using HTML, JSP, JavaScript and CSS.
- Understanding existing framework.
- Designed and developed application based on Spring Framework and using Hibernate for persistence.
- Implemented the application using Spring Boot Framework and handled the security using Spring Security.
- Developed solutions and enabling Service Oriented Architecture (SOA).
- Created Micro services for Java application.
- Implemented React JS code to handle cross browser compatibility issues in Mozella, IE 7, 8, 9, Safari and FF.

- Experience in deploying, managing and developing MongoDB clusters.
- Added dynamic functionality to the application by implementing jQuery, Node Js.
- Sending requests and responses in Micro services through Rest/HTTP.
- Changing from Monolithic to Micro services architecture.
- Used Apache Maven as a build automation tool in Eclipse.
- Debugging the Application in the Eclipse IDE.
- Can communicate and be able to discuss the technical difficulties with the team.
- Developed Rest API from Scratch and consumed the Rest Web Services using web API.
- Followed Test Driven Development software development process.
- Developed several REST web services supporting both XML and JSON to perform tasks such as sending emails to the leads, managers and getting return information from them.

Environment: Java 1.8, Eclipse IDE, Wildfly Server, Git, MongoDB, React Js Spring 3.0, Open JPA, Web services, Rest webservices, Node Js, Apache Maven, TOAD, Oracle 11g, Apache Wink.

Java/J2EE Developer

Webbusinesslook - IN

May 2013 to December 2014

Responsibilities:

- Developing Online panels and application using EJB, Java Servlets, Session Entity Beans
- Handled the database persistence using JDBC.
- Implemented the project using the Spring Framework used Spring IOC and Dependency Injection, Spring MVC
- Used Spring Framework and created the Dependency injection for the Action classes using ApplicationContext.xml.
- Using Java Script functions for the custom validations.
- Expertise in Red hat Linux Capacity and Performance Planning.
- Developed using Struts, JSPs and Tiles definitions.
- Developed JSP pages using HTML, JSTL Tag Library, Struts Tag Library, and JSP Custom Tags.
- Writing JSP form bean validations by using Struts Validation framework validation.xml, validator-rules.xml and message Resources.
- Designed and developed REST web service for validating address.
- Developed the application using JSF for front end, Spring to manage business layer components.
- Used Hibernate for object Relational Mapping and used JPA for annotations.
- Used Criteria API and HQL for data extraction.
- Performed Validations on UI data using JSF validations and JavaScript
- Involved in implementing the rich user interface using JSP Standard Tag Libraries and worked with custom tags.
- Performed client-side validations using java script functions to implement various functionality
- Worked on ancillary technologies/tools portal/portlet development, BPM, rules engines, security/SSO, and UML
- Worked on designing/developing of large, transactional, enterprise class systems
- Worked on externally facing web-based applications.
- Involved in implementation of the presentation layer GUI for the application using JSF, HTML, XHTML, CSS and JavaScript.

Environment: Core Java, Java EE, Spring 2.5, Struts 2.x, Hibernate 3.2.1, IBM WebSphere 7, WebLogic 10.3, Apache Tomcat 6.0, Web Services, HTML, XML, XSL, JSTL, JSP, AJAX, PL/SQL.

Education

Bachelor's degree

New Jersey

Skills / IT Skills

- Programming Languages
Java, C, C++, Shell Scripting, Java Scripts, HTML, Angular Js, Angular 8/7/6/2, Bootstrap, React Js, Node Js.
Java Enterprise API
Servlets, JSP, EJB, JNDI, JMS, JDBC, Java Multithreading, Web services
System Design
MVC, Struts, Spring Boot, Microservices, Hibernate, JPA
Databases & Programming
MySQL, SQL, PL/SQL, Oracle, MongoDB, SQL Server, IBM DB2, AWS, Cassandra, Stored Procedures, PostgreSQL, Sybase.
Software Engineering
UML, Design Patterns, Object Oriented Methodologies, Service Oriented Architecture, Test Driven Development, Scrum and Agile methodologies
XML Technologies
XML, DTD, SAX, DOM, SOAP, WSDL, XPath, XSLT
Application Servers
Apache Tomcat, JBoss, WebLogic, IBM WebSphere
Operating Systems
Windows 7/8/10, Linux, UNIX
IDEs & Tools
JIRA, Maven, Eclipse, RAD, NetBeans, Edit Plus, JUnit, Mockito, Log4j, slf4j, Ant, Soap UI, Toad, SQL Developer, Rational ClearQuest, Rational ClearCase, Harvest, GIT, CVS, MS Visio, Putty, SVN.