

# Jay kumar

Bellflower, CA

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+1 469 425 2915

- 10+ years of extensive experience in the Software field, Excellent hands-on experience on Core Java 8/9/10/11, J2EE, C# Struts, JSP, Spring framework, Servlets, SQL, Java script, AngularJS, XML, HTML 5, CSS 3, JDBC, Oracle 10g/11g/12c/18c/19 c.
- Strong development experience in J2EE technologies including Servlets, JSP, JDBC, JMS, XML, and Struts, XSL, XSLT, JUnit, Log 4J, JavaScript, SQL, PL/SQL, HTML.
- Expertise in Core Java concepts such as Generics, Multi-Threading, Collections, Exception Handling, Garbage Collection, and File Input/Output.
- Proficiency in developing Web applications using Servlets, JSP, JDBC, EJB2.0/3.0, web services using JAX-WS 2.0 and JAX-RS APIS.
- Experience in developing and consuming Web Services using WSDL, SOAP, HTTP, and UDDI.
- Implemented Hibernate for the ORM layer in transacting with Oracle database and developed HQL queries for CRUD.
- String front-end (User Interface) development using HTML, CSS, ES5/6, JSX, Angular 2/9/10/11, React JS, Redux-saga and REST API.
- Good experience in all phases of Software Development Life Cycle (SDLC) - Analysis, Design, Implementation, Integration, Testing and Maintenance of applications.

Authorized to work in the US for any employer

## Work Experience

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### Java Backend Developer

Ally - North Carolina

February 2022 to Present

#### Responsibilities

- Currently working on developing Spring Boot app which act as a template app which is used across organization having built in common capability.
- Actively involved in Analysis, Design, Development, System Testing and User Acceptance Testing. Successfully followed agile methodology in the Scrum Cycle model.
- Developed and designed Rest full API using Springboot which is consumed by other teams.
- Developed and designed different microservice using Springboot.
- Written Docker file to generate Docker images which in turn stored in Azure Container Registry.
- Created multiple Kubernetes Clusters in AWS and deploying a Docker Image on top of Kubernetes Cluster for testing purpose.
- Configured the Docker Containers and creating Dockers files for different environments.
- For Sync microservice communication used REST TEMPLATE and Feign Client.
- For A sync microservice communication used RabbitMQ and KAFKA
- Integrate service with APIGEE API Gateway to consume external third-party SOAP service.
- Written Junit test case using Mockito and Jupiter.
- Using terraform script to create AWS resource like ECS, ECR, Param, Secret store, ALB etc.

## Java Backend Developer

7 Eleven - Irving, TX

February 2019 to January 2022

### Responsibilities

- Currently working on developing new module GPCR for the ConneXion application.
- Actively involved in Analysis, Design, Development, System Testing and User Acceptance Testing. Successfully followed agile methodology in the Scrum Cycle model.
- Designed and developed API's using REST framework and Spring Boot and used Bootstrap along with ReactJS in creating the Application.
- Responsible for developing and maintaining entire web application using AngularJS, NodeJS, No SQL based on W3C standards
- Experience in working with REDUX architecture
- Developed the responsive UI web pages using Java 11, XHTML, HTML5, CSS3, Angular JS Angular 10/11, JavaScript, and ReactJS and has worked with Angular JS filters in expressions and directives to filter data in the UI.
- Extensively used MVC, Factory, Delegate and Singleton design patterns.
- Created a JIRA workflow and apply the condition, validators and post-function in the transition to represent the business requirement process. Atlassian Systems Administration and Configuration handling JIRA, Confluence, JIRA Agile.
- Built SPA with loading multiple views using route services using Angular 9 and NodeJS.
- String front-end (User Interface) development using HTML, CSS, ES5/6, JSX, NextJS, ReactJS, ReduX-saga, Python 2.7 and REST API.
- Used Angular 7 framework where data from backend is stored in model and populated it to UI.
- Worked on a migration IVR-Next gen application using Avaya Orchestration designer as a tool from the Peri pro.
- Wrote Docker files for creating Docker images for micro services and Docker containers for environment.
- Using Elastic Search for searching products, customer and vendor information.
- Knowledge on Kotlin language and writing the code in Kotlin using android studio.
- Translated different component designs to front-end code using Vue.JS and Vuetify.
- Worked on building jQuery modules and vue.js apps.
- ELK Stack (Elastic search, Logstash, Kibana) to configure, collect, parse and analyze the logs.
- Used NOSQL database Amazon dynamo DB to store data of reporting Application.
- Scheduled a cron job which runs the web service and stores its response in the DynamoDB using Quartz API
- Created components, modules and directives using Angular 11.
- Experience in applying Scala functional programming concepts to develop business logic.
- Used JDBC and Hibernate API's to access remote Oracle 11g/12c/18c.
- Built new analytics solution for customers. (Elastic search, Logstash, Kibana, tableau, d3.js)
- Generated Java APIs for retrieval and analysis on No-SQL database such as HBase and Cassandra and Worked with NoSQL databases like Cassandra, DynamoDB and MongoDB for POC purpose.
- Developed Spark code using Scala and Spark-SQL for faster testing and data processing.
- Involved in designing the database migration from DB2 to Azure Cosmos DB for transferring data.
- Using No SQL DB which is Cosmos DB for the proof of concept.
- Involved in the development of DOM parsing, SQL procedures and in development of IVR in VXML, CCXML by using Java and JSP.

- Spring ORM wiring with Hibernate provided access to Oracle RDBMS.
  - 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.
  - Worked on the Kotlin for building the backend components and API resources, experience working on JsonAPI for creating multiple API's,
  - Experience in developing Microservices with Spring boot using Java and Akka framework using Scala
  - Implemented the application using Spring Boot Framework and handled the security using Spring Security.
  - Used Microservices to communicate using synchronous protocols HTTP and REST for implementing SOA.
  - Application and developed cross browser and multi browser compatible web pages using HTML5, CSS3 and Bootstrap.
  - Experience working with IVer which is developed in VXML which will run on VXML platform.
- Environment: J2EE, Java 1.8/8/9/11, Spring framework, Spring MVC, Hibernate, JSP, AWS, AJAX, SOA, TDD, Web Services, SQL Server, Microservices, XML, Ext JS, NextJS, NodeJS, AngularJS, Angular2.0, Angular4 Typescript, JQuery, JavaScript, IBM RAD 9.1

## **Java Backend Developer**

City National Bank - Los Angeles, CA  
October 2017 to January 2019

### **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 AngularJS in creating the Application.
- Used NodeJS for doing non-blocking design operation for server-side code and Angular.js framework in developing various UI components.
- Developed the responsive UI web pages using Java 11, XHTML, HTML5, CSS3, Angular JS, JavaScript, node JS and has worked with Angular JS filters in expressions and directives to filter data in the UI.
- Angular 11 is a JavaScript framework for building web applications and apps in JavaScript, html, and Typescript, which is a superset of JavaScript. Angular provides built-in features for animation, http service, and materials which in turn has features such as auto-complete, navigation, toolbar, menus, etc
- Designed and coded application components in an Agile environment utilizing a Test Driven Development (TDD) approach.
- Used Angular 7 Reactive forms to implement complex forms and performed the validations using Form Builder.
- The code base was written in Java and Kotlin, in the Eclipse IDE.
- Data was bound to the components with MVVM using Kendo and Vue.JS, and was retrieved, created, updated, & deleted using REST.
- Efficiently handled periodic exporting of SQL data into Elastic search
- Using Cosmos DB as data storage and utilized aspects like replica sets, sharing and clever document design to make service extensible scale and feature wise.
- Implemented various screens for the front end using React.js and used various predefined components from NPM (Node Package Manager) and Redux library.

- Created Query and Filter Expressions in DynamoDB to get the refined results from the NOSQL database
- Secondary Index was created for DynamoDB to improve the search efficiency
- Using IVR conducted complete analysis of system and business requirements Used React-Router to turn application into Single Page Application.
- Used Scala scripts for spark machine learning libraries API execution for decision trees, ALS, logistic and linear regressions algorithms.
- Worked wif clients to develop front facing application using Vuetify.
- Developed web applications running on NodeJS using the Express framework, Vue.js and Backbone.js with Mustache.js for front end MVC/templating.
- Developed restful Web-services using Django Rest framework in Python.
- Utilized Cassandra, NOSQL database management system for keeping user generated data.
- Developed REST based Scala service to pull data from Elastic Search/Lucene dashboard, Splunk and Atlassian Jira
- Used Spring framework including Spring core/loC, Spring Web, Spring Security and implement the authentication, authorization, and access-control features by using Spring Security.
- Worked multiple components for different course element players and quiz question players using Vue.js and Vuex
- Working on Cosmos DB database concepts such as index, core, lookup, timeline collections.
- Wrote Cosmos DB query based on Aggregation Framework.
- 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 Spring Boot Framework and handled the security using Spring Security.
- Developed Hibernate with Spring Integration as the data abstraction to interact with the database of MongoDB.
- Developed single page applications, components using Angular JS directives, controllers, view and routing, service modules.
- Expertise in implementing an API layer for Elastic search and configuring mappings/settings for Elastic search to fine - tune the searches.
- Used Microservices to communicate using synchronous protocols HTTP and REST for implementing SOA.
- Built an interface between the Vertex tax system and Oracle ERP using SQL/PLSQL so that custom calls can be made.
- Worked on implementation of Vertex using java 8 features
- Provide expert technical leadership to customers and partners regarding all aspects of Pivotal Cloud Foundry (PCF).
- Developed single page applications using Angular 11, Typescript, HTML5, CSS3, and Bootstrap.
- Deployed EARs, WARs and configured application specific JVM settings, Web container parameters using the Admin Console and WebSphere admin scripts.
- Developed angular unit test cases to test angular components using Karma and Jasmine.
- Accomplished Work Load Management by creating Clusters.
- Developed new functionality for interactive healthcare system. Pre-launch confidentiality precludes further detail. Java, Scala, Play 2 Web Framework, Ebean.
- Involved in designing, developing and testing the web application by using the HTML5, CSS3,
- Project migration into cloud environment using AWS, Docker container.
- Application and developed cross browser and multi browser compatible web pages using HTML5, CSS3 and Bootstrap.
- Implemented code according to create AngularJS Controller, which isolate scopes perform operations.

- Created Typescript reusable components and services to consume REST API's using Component-based architecture provided by Angular 7.

Environment: J2EE, Java 1.8, Java 8/10/11, Spring framework, Spring MVC, Hibernate, JSP, AWS, AJAX, SOA, TDD, Web Services, SQL Server, Microservices, XML, Ext JS, NodeJS, AngularJS, Angular2.0, Angular4, Typescript, JQuery, JavaScript, IBM RAD 9.1, WebSphere 8.5, Agile Methodology, Design Patterns, PCF, Clear Case, Apache Maven, Apache Cassandra, MongoDB, JUnit, Html, Unit, XSLT, HTML/DHTML, JENKINS, Spark, Kafka.

## **Full Stack Java Developer**

TransUnion - St. Louis, MO

September 2016 to September 2017

### **Responsibilities:**

- Responsible for gathering and understanding the system requirements by interacting with clients.
  - Generated the Class diagrams, Sequence diagrams extensively for all the process flows using RAD, MS VISIO.
  - Designed and developed GUI screens for user interfaces using JSP, Java 8, JavaScript, XSLT, AJAX, XML, HTML5, CSS3, Bootstrap, JQuery and DHTML.
  - Developed a HTTPS server and implemented features to serve different file types(TLS)
  - Extensively involved in coding with Core Java concepts like Collections, Exception Handling, Multithreading, Java I/O, and Generics to implement some business logic.
  - Used Core, Context, and Security, Bean modules of Spring Framework.
  - Implemented MVC, Singleton, Factory, DAO, Value Object, session, Facade, Data Access Object, Business Object paradigm.
  - Handling orchestration service and rule engine which is implemented in NodeJS.
  - Used JQuery framework for creating front end applications and for Client Side validations.
  - Used iBatis for designing, developing and maintain the data layer.
  - Created Stored Procedures, SQL Statements and triggers for the effective retrieval and storage of data into database.
  - Coded java based ES Queries and custom ES Query aggregations using the Jest API for searching and accessing data in Elastic Search
  - Application developed on Agile methodologies scrum and iterative method process.
  - Used Apache Log4J logging API to log errors and messages.
  - Created JUnit test suite to automate the testing of the business logic.
  - Used React-Router to turn application into Single Page Application.
  - Used ReactJS components, Forms, Events, Keys, Router, Animations and Flux concept.
  - Building stable React components and stand-alone functions to be added to any future pages.
  - Developed the Drag and Drop functionality using React-Dragabble.
  - Used React-Autocomplete for creating Google maps location search on the webpage.
  - Involved in 24x7 support, Maintenance and enhancement of the application.
  - Automate the web application using Selenium-Automation tools.
  - JPA and Spring Rest to provide a Restful Interface based on Spring Boot application
- Environment: JDK 1.7, Java 6/9/11, Spring framework, XML, HTML, JSP, AngularJS, Hibernate, iBatis, ANT, JavaScript, VSS, XSLT, CSS, AJAX, JMS, Spring Boot, Hibernate, SOAP, Web Services, AWS, Web Sphere Application Server, Tomcat, Oracle DB, MQ Series, JUnit, UNIX.

## **Java/J2EE Developer**

Marsh McLennan - New York State

June 2015 to August 2016

#### Responsibilities:

- Responsible for analysis, design, development and integration of UI components with backend using J2EE technologies such as Servlets, Java Beans and JSP.
  - Using Technologies like SOAP, WSDL and UDDI based Web Services.
  - Developed Hibernate 3.0 in Data Access Layer to access and update information in the database.
  - Designed the workflow, system architecture, drawing sequence diagrams, activity diagrams, class diagrams, HTML pages, database schema and tables.
  - Writing JSP's for user interfaces, JSP's uses Java Beans objects to produce responses.
  - Involved in Tomcat server configuration for deployment.
  - Used JUnit framework for Unit testing of application.
  - Used log4j 1.2 to log different types of messages to write on to the proprietary log model.
  - Use Case, Class, Sequence diagrams and also in complete development, testing and maintenance process of the application
  - Store persistent JMS messages or temporarily store messages sent using the store-and-forward feature.
  - Involved in testing the XML files and checked whether data is parsed and loaded to staging tables.
  - Store persistent JMS messages or temporarily store messages sent using the store-and-forward feature.
  - Used Hibernate to persist and retrieve data from database.
- Environment: Java, J2EE, Struts, Spring, Hibernate, JSP, Servlet, XML Schema, SOAP, JavaScript, PL/SQL, DHTML, XHTML, Ant 1.6, Log4j, JUnit, Weblogic10.0, Oracle 11g, Wsdl, IBM Rational rose, Maven, Eclipse, XSD.

### **java developer**

S creatives - India

October 2012 to March 2015

#### Java Developer

##### Responsibilities:

- Used Rational Clear case as the configuration management tool and Eclipse as an IDE for application development with AWS
  - Developed common rest services for Save, Edit, View, Delete and Reference Data Services using document DFC APIs and JSON objects.
  - Responsible for generating a result tree using XSLT
  - Developed web pages using HTML/CSS and JavaScript and Implemented validation using JavaScript.
  - Used Log4j for logging, JUnit for Unit Testing, CVS for configuration management
  - Responsible for configuring WAS to access Database by setting Data Source
  - Used XML, XSLT, and XML Schema for parsing and transforming the XML documents received from the external applications
  - Involved in configuration, deployment into the Apache Server
  - Responsible for implementing the business logic involved in checkout process given by Target
- Environment: Java/J2EE, HTML, CSS, JavaScript, AWS, Servlets, XML, XSLT, JUnit, Eclipse, Oracle, JSON, Apache Geronimo Server, Agile Methodology and Log4j.

#### MongoDB

- Good experience in designing, developing several multi-tier Web based, Client-Server and Multithreaded applications.
- Experience in JavaScript frameworks like AngularJS, NodeJS and libraries like jQuery, ReactJS, RxJS, D3JS, Immutable JS, Vertex and Lodash.

- Used Jenkins pipelines to drive all microservices builds out to the Docker registry and then deployed to Kubernetes, Created Pods and managed using Kubernetes
- Good experience in using Object Oriented Analysis and Design concepts and Service Oriented Architecture (SOA) mostly in cross platform environments.
- Proficient experience of using the databases such as MySQL, DB2, MongoDB, DynamoDB, Oracle 12c/18c/19c, PL/SQL.
- Experience with full software development life-cycle, architecting scalable platforms, object-oriented programming, and Agile methodologies. Worked Closely with SME's
- Experienced in designing and developing applications in Spark using Scala to compare the performance of Spark with Hive and SQL/Oracle.
- Experience in designing and implementing AWS Solutions using EC2 and Elastic search.
- Worked with ReactJS & Vue.js to change the stack from regular JS to Flux & Vuetify framework using Semantic UI.
- Involved in developing an automation tool, in Java and Scala on Akka Framework
- Experience with Cosmos DB (index, Core, Timeline, Lookup) and data migration from DB2 database to Cosmos DB.
- Very strong experience writing API's/ and Web Services in Python.
- Experience in Applications using AJAX, Object Oriented (OO), JavaScript, JSON, JSONP, and XML.
- Excellent skills in building Single Page Application (SPA) using JavaScript frameworks like Angular JS, Node JS.
- Hands on experience on Vertex, Couch base and java 8 features.
- Using Kotlin for implementing new modules in the application.
- Hands on experience in Front-End technologies like AngularJS 2/6/7/8, Bootstrap 3.1, HTML5, JavaScript, CSS3, JQuery, Google Web Toolkit (GWT), Tag Libraries, Vertex, Custom Tags, Ajax and Node JS, NextJS and Ext.JS
- Sound understanding and good knowledge on Require JS, React JS, Backbone JS.
- Worked on CSS Background, CSS Positioning, CSS Text, CSS Border, CSS Margin, CSS Padding, CSS Table, Pseudo Classes, Pseudo Elements and CSS Behavior.
- Implemented the JavaScript library, D3.JS for visualizing data with HTML, SVG & CSS.
- Sound knowledge in working with browsers compatibility issues with browsers like IE, Firefox, Safari, Opera, Chrome and had experience in implementing project from the scratch.
- Created responsive Webpages and designing crossing browser compatibility for mainstream browsers and portable devices (mobile, tablet, laptop) by Bootstrap.
- Experience with employment of Apache Kafka and Zookeeper apart from JMS as messaging service.
- Good experience to setup, configure continuous build processes using Jenkins, Maven and ANT.
- Ability to write clear, well-documented, well-commented and efficient code for web development.
- Extensive experience in deploying, managing and developing MongoDB clusters.
- Extensive experience working with RDBMS -PL/SQL programming on Oracle, MySQL and SQL Server, writing Stored Procedures and SQL Queries.
- Good working knowledge on CVS, SVN, and GIT for code management and version control.
- Knowledge on web debugging tools (Firebug debugging tool) and used integration Testing frameworks and libraries like Jasmine and Karma for Angular JS and Node.js.
- Experience in front end builds up and deployment tools like Grunt, Gulp, SOAP

UI, and Bower.

- Strong problem-solving, organizing, communication and planning skills, with ability to work in team environment.
- Oversee and develop Notifications Service Micro service to use across the enterprise.
- Utilize camel to integrate Micro services with other Micro services and RabbitMQ messaging exchanges
- Proficient in developing SOAP and RESTful Web Services.
- Good written and oral communication skills and Interpersonal skills with a strong ability to excel through collaboration with team members.

#### Responsibilities

- Currently working on developing Spring Boot app which as act as a template app which is used across organization having built in common capability.
- Actively involved in Analysis, Design, Development, System Testing and User Acceptance Testing. Successfully followed agile methodology in the Scrum Cycle model.
- Developed and designed Rest full API using Springboot which is consumed by other teams.
- Developed and designed different microservice using Springboot.
- Written Docker file to generate Docker images which in turn stored in Azure Container Registry.
- Created multiple Kubernetes Clusters in AWS and deploying a Docker Image on top of Kubernetes Cluster for testing purpose.
- Configured the Docker Containers and creating Dockers files for different environments.
- For Sync microservice communication used REST TEMPLATE and Feign Client.
- For A sync microservice communication used RabbitMQ and KAFKA
- Integrate service with APIGEE API Gateway to consume external third-party SOAP service.
- Written Junit test case using Mockito and Jupiter.
- Using terraform script to create AWS resource like ECS, ECR, Param, Secret store, ALB etc.

## Education

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### **Bachelor's in Computer Science**

2012

## Skills

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- XSL
- Apache Camel
- Operating Systems:  
Windows
- DynamoDB
- JMS
- Red Hat
- Sublime
- AXIS
- Java Mail
- AIX
- Version Control Tools:  
CVS



- Apache Tomcat
- Frameworks:
- Struts
- Sybase
- JIRA SOA
- JAX-WS
- RMI
- Mongo-DB
- Servlet
- JBoss
- Perl
- XSLT
- HTML
- Git
- SQL
- REST (JAX-RS)
- JNDI
- PostgreSQL
- J2EE
- UML
- RAD
- SVN
- MySQL
- Bootstrap
- XML
- IntelliJ
- IBM MQ Series
- Databases:
- Oracle
- DHTML
- Java8/9/10/11
- Hibernate
- Web Logic
- spring
- PL/SQL
- ClearCase
- Tools/Utilities:
- Solaris
- JTA
- Web Technologies:
- JSP
- EJB
- JSF

- JQuery
- J2EE Standards:
  - JDBC
- JavaScript
- Node-JS
- UNIX
- SOAP
- WSAD
  - Web/App Servers: Web Sphere Application Server
- Hadoop
  - IDE's:
    - Eclipse
- Angular-JS
- SQL-Server-2008