

JAYANTH KRISHNA

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PROFESSIONAL SUMMARY:

- Having over 8 years of programming experience in object-oriented analysis and design, development, testing, and maintenance of distributed Java applications and client-server.
- Worked in developing web applications based on HTML5, CSS, JavaScript, React.JS, Angular, Query, AJAX, JSON, XML, Bootstrap, Microservices
- Good understanding of web application development using JAVA, J2EE technology, Java Swing, and practical experience in JAVA8. Coded Gradle build scripts to build and deploy the application on WebSphere.
- Good conceptual skills with Version Control and there-by possess a good understanding of Git, CVS, VSS, and SVN.
- Hands-on working experience in Linux environment with Apache Tomcat, and experience on Amazon AWS.
- Expertise in database modeling, administration, and development using SQL, PL/SQL, and toad in Oracle IBM DB2 and SQL Server environments.
- Had a strong development skill in Java, J2EE, JDBC, JSP, Servlets, Hibernate, Spring, Spring Boot, HTML, XML, Bootstrap, Java Script, Oracle, MYSQL.
- Knowledge in designing and developing RESTful based web services and SOAP based web services using spring Frameworks.
- Strong experience in using AJAX for implementing dynamic webpages where the content can be fetched via API calls, using RESTful web services.
- Well experienced in functional and technical systems analysis & design, system architectural design, presentation, pr interfaces design, process flow design, and system impact analysis and design documentation and presentation.
- Have experience on Design and Analysis (OOAD) resulting in Use Case View (Use Cases & Actors) & Logical View (Class Diagram and Sequence Diagram) using UML.
- Hands on experience with Core Java with multithreading, Concurrency, Exception Handling, IO Interfaces, Data structures and Collections, Garbage Collection.
- Hands-on experience in relational databases like Oracle, MySQL, MS SQL Server using SQL and PL/SQL.
- Strong experience in Extraction, Transformation and Loading (ETL) in SQL Server database.
- Supported team in resolving SSIS, SSRS, T-SQL and ETL related issues.
- Working knowledge of version control systems such as Bitbucket, SVN, GitLab, and GIT, as well as continuous integration and delivery platforms such as Docker, Jenkins, and Kubernetes. Leveraged CI/CD tools like Docker and Jenkins to successfully deliver production-ready applications to AWS, and used GIT for code version control for incremental development.
- Extensive experience in architecture design of source table mappings to Extract, Transform, Load data into target environment using ETL Tool - Informatica Power Center.
- Strong experience with MongoDB development (reports, schema design, map reduce functions) and migrations from SQL relational databases to NoSQL databases like MongoDB.
- Excellent communication, Leadership, teamwork and presentations skills with hands-on experience building and documenting user requirements.
- Experience with AWS components such as EC2 for virtual servers, S3 and Glacier for object storage, EBS, SNS, SQS, Lambda Functions, ECS, Route s3, Cloud Front, Elastic Cache, RDS, and DynamoDB for data storage.
- Designed and built Microservices utilizing the REST framework and Spring Boot, and created the application using Bootstrap and Angular.

- Good performance Microservices performance with Spring Cloud, which includes Eureka, Ribbon, Hystrix, Zuul, and Spring Cloud Config.
- Had Good experience on AWS services in creating and using EC2 instances and in creating S3 buckets and able to add file and delete files.
- Experience in using Spring DI and Spring MVC for REST APIs and Spring Boot for micro-services
- Experience in Automation Tools like Selenium, WebDriver, TestNG, Eclipse, GIT/GitHub, Jenkins, SOAP UI and REST with POSTMAN
- Had Experience with spring modules like spring Core, spring MVC, spring JDBC, spring Hibernate + JPA, spring IOC and spring Boot.
- Used Apache Kafka to keep track of all website activity, as well as certain large-scale message processing applications and Inter process messaging for transient message storage rather than messages being kept in long-term memory storages.
- Test Driven Programmer with extensive experience in unit testing using JUnit, Mockito, and Postman for Web Service testing, performance testing with JMeter, and automated testing utilizing the Test-Driven Development (TDD) paradigm under the Extreme Programming model.

TECHNICAL SKILLS:

Languages/Utilities	Java, C, C++, Python, MATLAB, PL/SQL, XML and UML.
Web Technologies	HTML5, CSS3, JavaScript, Servlets, Bootstrap, AJAX, Responsive Web Pages, Rest, RabbitMQ, XML, JSP, DOM, Responsive Web Design, JSON.
Java Technologies	JDBC, JSP, Spring Boot, Spring MVC, Hibernate, Apache Kafka, Strut.
JavaScript Technologies	jQuery, Angular, React, Vue, React.js, Redux.
Database	Oracle, MySQL, DB2, MongoDB, NoSQL, Cassandra.ETL.
Testing frameworks	Junit, Mockito, Postman, Cypress ,Swagger.
Web Servers	Apache Tomcat, JBoss, WebSphere.
Repositories	GitLab, GitHub, Bitbucket.
Methodologies	Agile, Waterfall, SDLC, scrum.
Cloud	AWS, Azure, Heroku, PCF.
IDEs and Tools	IntelliJ, Eclipse, VS code, NetBeans, Text pad, Maven, UML, Log4j, ANT.
Operating Systems	Windows, Linux, UNIX.

EDUCATION:

Master of Science: Computer Science and Information Systems, Jul 2021
Christian Brothers University, Memphis, TN

PROFESSIONAL EXPERIENCE:

Capital One, Richmond, VA

Aug 2023 - Current

Java Full Stack Developer

Responsibilities:

- Development of front-end application using Angular 18, Dependency injection, RxJs and Http modules with Node.js server for future evolutions.
- Implemented Different views of the applications interfaces.

- Created Responsive & rich web applications using HTML5, CSS3, JavaScript, Typescript, jQuery, media queries transitions and transforms by working with cross-functional teams for understanding of business requirements, testing and deployment
- Implemented Angular Router to enable navigation and make front end view-switching strategy.
- Implement RXJS Observer, Observable and Subject feature to update web application data dynamically.
- Used HTTP Client module in the Angular 18 to consume the Data from Restful Web service.
- Created reusable services and used them in different components using Angular18 Dependency Injection.
- Built the Expandable list in our web application by using the Directive feature and ElementRef in the Angular 18.
- Enable to use the customize pipe and ngModel two-way binding feature in Angular18 to finish the search function
- Worked on migrating toggle switches into the new Dessicion service.
- .Developed web presentation layer using HTML5 and CSS according to internal standards and guidelines.
- Developed a front-end application for internal team productivity using FLUX architecture.
- Involved in daily SCRUM meetings to keep track of the ongoing project status and issues.
- Responsible for closing the backlog of production related issues.
- Responsible for effective communication between the project team and the customer.
- Provide project team and regular project status to the customer.

Environment: HTML 5, XML, JavaScript, Query, JSON, JSP, CSS3, Angular, RXJS,React JS, Bootstrap, Node.js, Design Patterns, Servlet, JSP.

ClassDojo, San Francisco, CA

Oct 2021 – Jul 2023

Java Full Stack Developer

Responsibilities:

- Worked in developing web applications based on HTML5, CSS, JavaScript, Query, AJAX, JSON, XML, Bootstrap, React.
- Developed web presentation layer using HTML5 and CSS according to internal standards and guidelines.
- Developed Java API to interact with the Amazon SQS used in sending bulk emails.
- Wrote application-level code to add functionality to the perform client-side validation using JavaScript.
- Working knowledge on Model View Control (MVC) design pattern and Test-Driven Development (TDD).
- Used flux architecture in React JS for building client-side web application and also, rendered large data sets on the application view using React JS,Next.js
- Created REST Microservices by diving the single page application into the chunks of servers to avoid the burden among the servers and used REST calls like GET, POST to have a communication between those services.
- Developed GET, POST, UPDATE and DELETE RESTful Web Services using Spring Boot.
- Utilized Rest Data Services using Spring Rest API.
- Implemented the application using Spring IOC, Spring MVC Framework, Spring Batch, and Spring Boot and handled the security using Spring Security.
- Configured the authentication with JWT. Created interceptor with authorization header to verify JWT.
- Involved in using React .JS and Next.js components, Forms, Events, Keys, Router, Animations and Flux concept.
- Developed a front-end application for internal team productivity use using React.js and FLUX architecture.
- Built Web pages that are more user-interactive using jQuery plugins for Drag and Drop, Auto Complete, JSON, JavaScript and ReactJS.
- Used React .JS in development of the web application to bind the data/model that is being retrieved from a database through services provided in a controller to the view using scope.
- Experience in DOM, React Props, Lifecycle methods , working with React States and Events .
- Created and developed the internal Angular.JS framework applications projects. Unit testing with Jasmine.

- Developed powerful visualization components and DOM manipulation using React JS
- Experience working with Redux for maintaining the consistency and for running the application in different environments (client, server, and native) which was also easy to test
- Experience working on Redux Uni-directional data-flow achieving the predictable application behavior.
- Used Node . JS, React.JS , Next.js, MVC framework for developing the Single Page Application
- Watched project changes with Grunt task runner and installed most recent version of libraries with Bower based on running in the Node.JS environment .
- Developed real time video streaming application using Node.JS.
- Developed Web API using Node JS and hosted on multiple load balanced API instances.
- Used Bootstrap framework and media queries for developing customizable and responsive web design for compatibility with different platforms and screen sizes.
- Worked with Amazon Web Services like EC2, S3, Amazon Simple DB, Amazon RDS, Amazon Elastic Load Balancing, Amazon SQS, AWS Identity and access management, AWS Cloud Watch, Amazon EBS and Amazon Cloud
- Maintained development process for developing ETL Packages and reports as per the norms like Gathering requirements, Design, Development, Code review, Unit Testing, Peer Review and Review before releasing to QA.
- Working with ECMA Script 6 features. Used Babel, web pack with es2015, react JSX presets.
- Converted a monolithic app to microservices architecture using Spring Boot using 12-factor app methodology. Deployed, Scaled, Configured, wrote manifest file for various Microservices in PCF.
- Take care of the business-related queries related to customers by using Postgres SQL and answer or remediate the ask according to the business.
- Involved in all the stages of Software Development Life Cycle (DLC) including Requirements, Analysis, Implementation, Integration, Testing and development and worked in different types of DLCs like Agile (scrum), waterfall.
- Used GIT repository for software configuration management and version control.
- Perform Web Optimization on websites and web services for improved functionality over Cross Browsers and platforms.
- Good Web Application debugging skills using Chrome Developers Tool and Firebug.
- Involved in daily SCRUM meetings to keep track of the ongoing project status and issues.
- Responsible for closing the backlog of production related issues.
- Responsible for effective communication between the project team and the customer. Provide project team and regular project status to the customer.
- Interacting with the clients for the new enhancements to be done.

Environment: HTML 5, XML, JavaScript, Query, JSON, JSP, CSS3, React JS, Bootstrap, Node.js, Design Patterns, Servlet, JSP, Spring MVC, Spring Boot, Hibernate, Restful, Cypress, AWS, WSDL, Postgres SQL, Mongo DB, Splunk, Kafka, Maven, JBoss, Agile Methodology, SCRUM.

AIG Insurance, Jersey

Nov 2020 - Oct 2021

Java Full Stack Developer

Responsibilities:

- Responsible for developing the UI pages using HTML5, CSS3, JavaScript, Bootstrap, JSON and JQuery, Ajax, Next.js.
- Expertise in creating Custom Reusable React Components Library Experienced in working with Redux architecture using complex Object-Oriented concepts in improving the performance of the websites.
- Used ReactJS Next.js framework to create a Single Page Application (SPA) which can bind data to specific views and synchronize data with server.

- Developed Rest Controllers to interact with Angular calls and React calls.
- Used React Observables to create custom components for data manipulations and to display data in company standard format.
- Well experienced in view rendering using jQuery, React JS, Handlebar JS and implementing React JS , Next.js with Redux (promise, saga) and Flux patterns to attain MVC functionality.
- Wrote JavaScript functions to get Dynamic data and Client-side validation.
- Developing Junit and integrating tests for existing Micro-Services using Junit and Mockito.
- Used Spring Boot to modularize code and create REST APIs using Spring REST, as well as integrating Swagger API for documentation.
- Implemented RESTful Web services to retrieve data from client side and made REST API calls, parsed the data to project to client and handled the security and Authorization using Spring Security or OAuth.
- Involved in creating java batch applications, Restful API'S with Spring Technologies, implementing micro services.
- Configured Swagger-UI registered Microservice with Eureka server to monitor service from Spring Boot.
- Developed presentation layer using Spring MVC and used annotation-based mapping to map the JSP post backs to the controller methods.
- Spring AOP is used for Security and Transaction Management.
- Implemented DAO using Hibernate Reverse Engineering, AOP, and service layer using Spring, MVC design.
- Performed ETL test scenarios by writing SQL scripts with consideration of Business scenarios.
- Exclusively worked with ETL team to analyze the source and Target Database systems
- Exclusively worked with PEGA source system Business people to gather the requirements
- Exclusively worked on ETL test case scenarios with business functionality
- Successfully did set up a authentication Kafka listener in parallel with Kerberos (SASL) Listener. Also, I tested non authenticated user (Anonymous user) in parallel with Kerberos user.
- Designed and implemented the MongoDB schema. Familiar with Embedded and Normalized data models in MongoDB.
- Wrote services to store and retrieve user data from the MongoDB for the application on devices.
- Experience using Redis Cache and creating APIs to query Redis Cache.
- Documented the REST API's using Swagger2 API for briefing the services involved in the application.
- Testing activities like BVT Sanity Testing, Functional Testing/Regression Testing, Stress Testing, Private testing Unit Testing, Security Testing, and Inter-operability testing as part of the Functional Testing.
- Extensively used JAVA OOP's concepts for developing Automation Frameworks using Eclipse, Maven, Selenium WebDriver and TestNG.
- Configured the different Data Sources in the WebSphere admin console and configured the db's in the WebSphere application servers.
- Involved in designing and deploying multitude applications utilizing almost all of the AWS stack (Including EC2, Route53, S3, RDS, Dynamo DB, SNS, SQS, IAM) focusing on high-availability, fault tolerance, and auto-scaling in AWS Cloud-Formation Template (CFT).
- Designed AWS architecture, Cloud migration, Dynamo DB and event processing using Lambda function
- Managed storage in AWS using Elastic Block Storage S3, created Volumes and configured Snapshots.
- Implementation of Spring Restful web services which produces JSON.
- Developed a JavaScript performance testing toolkit for web and Node.js applications.
- Creating scripts in DSL Groovy which integrate with Jenkins for Automation to create seed jobs.
- Applied Agile Test Practices SCRUM , Scripted Test Cases for Test Driven Development TDD and developed test cases for story card based on Acceptance Test Driven Development ATDD .

- Implementing multi-tier application provisioning in OpenStack cloud, integrating it with Jenkins and SonarQube .
- Extensively worked in Test Driven Development (TDD) framework using JUnit.

Environment: Eclipse, Java, HTML, JSP, CSS3, JavaScript, Apache Tomcat Server8, Web Logic, Junit, Maven, GitHub, XML, Log4j, EJB, Cassandra, NoSQL

Discovery Inc., Washington, DC.

Feb 2020 - Nov 2020

Java Developer

Responsibilities:

- Used the functionalities to write code in HTML5/HTML, CSS3, JavaScript, JQuery, Ajax, JSON, and Bootstrap with MySQL database as the backend.
- Implemented Angular Router to enable navigation from one view to the next as agent performs application tasks.
- Worked on some of the new features of Angular 12 like new if else syntax, ng-templates, and form validators.
- Worked Extensively with Angular Next.js CLI for creating components, Services, pipes, Directives.
- Customized components for each of the web page in Angular.
- Conducted extensive functionality testing by using Jasmine and Karma.
- Implemented the Angular 12 directives, expressions and routing capabilities for bookmarking, filters, and validations.
- Created and implemented customized Angular 12 services to communicate with server and backend API components.
- Built the majority of the website's components using Type script and the Angular 12 front-end development framework.
- Migrated to Angular 12 and was used to route requests to various destinations, and custom directives were created to display data in the user interface.
- Designed dynamic and multi-browser compatible pages using JavaScript.
- Built JavaScript application with Backbone.JS, as well as using Node.JS for server-side rendering.
- Implemented unit test for testing Angular 12 components with frameworks using KARMA and JASMINE.
- Developed solutions for leveraging the breadth of marketplace services, include spring cloud services (eureka, config, hystrix)
- Created data and security architecture patterns for Microservices in a co-existence scenario.
- New library development with micro services architecture using Rest APIs, spring boot and pivotal cloud foundry.
- Used JUnit and Mockito for writing test cases and used JaCoCo to have above 85% code coverage.
- Designed and implemented the REST API for the UI screen through the mobile user can leave their phone number and the convenient time so as to have the Customer Service Representative would call them back at the provided number and as per their mentioned convenient time.
- Created nightly builds with integration to code quality tools such as SonarQube.
- Created quality gates in SonarQube dashboard and enforced in the pipelines to fail the builds when conditions not met.
- Created POC of Authentication and Authorization with OAuth2 Spring Boot microservice. Utilized JWT as tokenization scheme for OAuth2.
- Reading and downloading the RabbitMq queue using multithreading by allowing n number of threads to record data in the file on date wise.
- Implementation of and the transition to Oracle Business Intelligence (OBIEE) as the preferred enterprise reporting software.
- Using Fiddler and POSTMAN to test the Web API RESTFul Services.

- Developed unit tests and integration tests using Junit and Mockito frameworks.
- Implemented Junit test case Using Easy Mock and Mockito framework
- Apache Maven is used as Build tool to automate the build process for the entire application.
- Experience in providing highly available and fault tolerant applications utilizing orchestration technologies like Kubernetes and Apache Mesos on Google Cloud Platform.

Environment: Java 8.0, Spring 4, Spring Boot, JPA, JavaScript, Apache Tomcat, STS, Oracle 11g, Log4J, Angular.js (v7/8), JUnit, XML, Web Services, Micro Services, Kafka, AWS, Git, PL/SQL, Docker, Visual studio, Oracle, MongoDB, Jenkins, CI/CD

Novartis India Pvt Ltd, India

Jan 2018 - Jan 2020

Java Developer

Responsibilities:

- Expertise in building strong websites confirming Web 2.0 standards using JQuery, Angular.js, ReactJS, HTML5, XHTML, DHTML & CSS3 to develop valid code and table-free sites.
- Worked on React JS Virtual Dom and React views, rendering using components which contains additional components called custom HTML tags.
- Proficient at using React JS to render some advanced components on the server side, along with Flux pattern and Redux (RXJS) library.
- Developed RESTful Web-Services using Spring-ORM, Hibernate and Jersey to provide services for AngularJS application.
- Implemented Router Module of Angular 4 to make the whole project a Single Page Application and added routers according to the requirements.
- Using Typescript as programming language to create OOP JavaScript code to implement complex functionalities and calculation to project data on Tables
- Performed integration testing between Account, Contact, Opportunity and Service Request modules.
- Performed integration testing and write test cases using Karma and Jasmine.
- Once sorted by difficulty, the list of apps and supporting data is presented to stakeholders in a Global Microservices Migration Readiness Assessment Report.
- This report drives the migration strategy, approach, and schedule for both Senior Management and microservices implementation team.
- Architect of RAPID-ML, the first domain-driven modeling language for REST APIs. Used successfully in enterprise, midsize and nonprofit organizations to define core data models and adapt them dynamically to REST APIs. Built with Java, Eclipse Modeling Framework (EMF) and Xtext.
- Responsible for creating and maintaining the regular expressions used by the URL rewriting engine of Ovi Share that enabled RESTful URLs for the website and its web services.
- Recommend and develop strategy for integrating internal security model into new projects with Spring Security and Spring Boot .
- Developed some Spring customized Dependency Injections based on business logics.
- Used Spring MVC Transaction Management , Spring/Hibernate Batch Transactions, Hibernate cache concepts .
- Implemented Object-relation mapping in the persistence layer using Hibernate (ORM) framework.
- Demonstrated and modeled security patterns with JWT and OAuth2.
- Secured Web API REST services using Jason Web Token (JWT)
- Designing RabbitMQ queues and exchanges and binding relation between them.

Environment: Java, J2EE, Servlets, JSP, JDBC, Spring, Hibernate, SOAP, Web Services, SOAP UI, Bigdata, Pig, Hive, Apache, Design Patterns, HTML, Java Script, AJAX, XML, SQL, PL/SQL, Oracle, SQL Developer, JUnit, Mercury Quality Center, UNIX

Health Care Service Corporation, Hyderabad, India

May 2015 - Dec 2017

Junior Java Developer

Responsibilities:

- Developed the web tier using JavaScript and Spring MVC.
- Used Spring Framework for the implementation of the application.
- Integrated Spring Dependency Injection into different layers.
- Used Hibernate for object relational mapping and used JPA for annotations.
- Implemented RESTful web services using Apache-CXF framework.
- Created DAO for addition, modification and deletion of records using various specification files.
- Implemented interface sub classes using Lambda Expressions.
- Developed UI for internal users using Spring MVC, Ajax, jQuery, AngularJS and JSON.
- Implemented design patterns like singleton, MVC, DAO, value objects and DTO to transfer data between the different tiers and decrease the network traffic when invoking remote objects.
- Wrote the web service code to interact with other applications.
- Deployed the application in WebSphere Server.
- Designed and developed persistence layer using spring JDBC template.
- Completed unit testing of various modules in generating the test cases.
- Used SVN and GitHub as version control tool and Maven for build and management.
- Converted the HTML pages to JSF tag specific pages.
- Developed JSPs and managed beans using JSF.

Environment: JavaScript, AJAX, jQuery, JSON, XML, XSL, JPA, JPS, WebSphere, Maven, Apache Tomcat, Apache Axis, SOAP, WSDL, UDDI, MQSeries, Spring
