**Vyas Devan Nithyanandha kammath**

**Sr. Java Full Stack Developer**

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**PROFESSIONAL SUMMARY:**



* Overall 10+ years of application development experience using Java,j2ee,Spring,Struts,Hibernate, Spring boot, microservices and REST APIs
* Expert level knowledge of SQL,MariaDB HTML, CSS, JavaScript,ES6,Bootstrap,Ajax,JSP,JSF,Primefaces,Angular Js
* Experience in NoSQL database like MongoDB
* Experience building and working with DevOps Toolchains (SonarQube, Github actions, Jenkins)
* Experience in Agile methodologies, such as SCRUM,Kanban and developed story/task by following TDD and Pair programming concepts.
* Strong working knowledge JIRA Software,ServiceNow & JIRA Confluence
* Experience in working with web servers like Tomcat 8.
* Experience in Logging tools Log4J and Splunk.
* Hands on experience in designing, developing and successful deployment of large scale, Java/J2EE projects from end-to-end
* Hands on experience with Web UI using jQuery, JavaScript, Angular JS or GWT
* Hands on experience in following the iterative and agile SDLC
* Extensive knowledge and application of Java best practices along with experience with application servers and database servers
* knowledge in Deploying applications with CI/CD, Docker,Kubernetes and AWS
* Experience in Level 2&3 production and lower env support
* Proficiency in Microsoft Office Tools (Project, Excel, Word, PowerPoint, etc.)
* Experience in Kafka
* Experience in testing with JUnit ,Mockito,Postman and JMeter.
* Experience in AWS Services, such as EC2, VPC,S3,IAM

**EDUCATION:**



* Certified AWS Solution Architect Associate -2023
* Certified UiPath in RPA Developer Advanced

**EDUCATION:**



* [Post Graduate in Data Science and Business Analytics](https://www.mygreatlearning.com/pg-program-data-science-business-analytics-course?utm_source=eportfolio&gl_source=Linkedin&gl_campaign=Eportfolio) from university of Texas at Austin --2021
* Masters in Computer Application from Anna university chennai, India – 2011
* Bachilers in Maths from M.G University Kottayam India -2008

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| **TECHNICAL SKILLS:** |  |
|  | **Languages** | **:** Java, J2EE, HTML, JavaScript, SQL. |
|  | **Frameworks** | **:** Spring, Spring Boot, Hibernate, Spring Security, Angular8 and Angular JS |
|  | **IDEs** | **:** Eclipse, IntelliJ, Spring Tool suite, Visual Studio |
|  | **Web technologies** | **:** HTML, CSS, Servlets, JSPs, XML, jQuery, Ajax, and Bootstrap.JSF,PrimeFaces |
|  | **Tools** | **:** SQL Developer, Log4J, SOAPUI, Postman, |
|  | **Web/Application Servers** | **:** Apache Tomcat 8. x, Jboss |
|  | **Web Services** | **:** Restful services, SOAP, Microservices |
|  | **Methodologies** | **:** Agile, Scrum, Waterfall.TDD |
|  | **Testing technologies/tools** | **:** Junit, Log4J, Gatling, Jenkins, Docker, SoapUI, Mockito, AWS, |
|  | **Database Servers** | **:** MariaDB, MySQL8, MongoDB |
|  | **Version Control Systems** | **:** SVN, GitHub |
|  | **Build Tools** | **:** Maven, Jenkins. |
|  | **Platforms** | **:** Windows 7 / 10, Linux, MacOS |

**PROFESSIONAL EXPERIENCE:**



**Project Name :RSI**

**Client: JPMC, Dallas, USA**

**Duration :April 2021 – till**

**Role: Java Full Stack Developer**

**Responsibilities**

* Involved in analysis, specification, design, implementation, and testing phases of the Software Development Life Cycle (SDLC) and used agile methodology (SCRUM) for developing applications.
* Designed the front-end screens using HTML5, CSS3, and JavaScript.
* Designed, and developed a custom, single-page, responsive web application on the front end using Angular.
* Implemented Micro-Services based Cloud Architecture using Spring Boot.
* Used Angular to create views to hook up models to the DOM and synchronize data with the server as a Single Page Application.
* Involved in deploying systems on AWS infrastructure services EC2.
* Used Eureka client, Config Server, Admin Serve, and Zipkins
* Developed RESTful Web Services with JAX-RS using Spring Boot and Micro Service Architecture.
* Developed application on Spring framework by utilizing its features like Spring Dependency injection, Spring Beans, Spring Security, Spring JPA, and Spring AOP using MVC.
* Established user activity tracking, declarative transactions, and exception handling with Spring AOP.
* Worked on Proof of Concept for developing applications using Angular 10.
* These applications need to maintain privacy and restrict illegal users. To achieve the functionality, we used Spring Security.
* Utilized most of the services like S3 as a data store for storing the files that fall into the bucket, Elastic Bean Stalk, generated Lambda functions to trigger an event that occurs in S3, AWS Cloud watch.
* Used Spring Core annotations for Spring Dependency Injection, Spring MVC for Rest API, and Spring Boot for Microservices.
* Used on employment of Apache Kafka and Zookeeper apart from JMS as messaging service.
* Created the responsive UI components using React/Redux and to dispatch events to the store.
* Wrote comprehensive unit test cases using Junit and Spock.
* Involved in setting up Test automation and developing cucumber feature files.
* Hibernate ORM framework used to interact with the database through Hibernate query language (HQL).
* Worked on creating the persistence layer using Hibernate ORM framework. This involves developing mapping files and Hibernate (POJOs/ DAOs).
* Implemented Test Driven Environment (TDD) using JUnit, Mockito, and Sonar for Unit testing
* Provided daily support for production, stage, and testing environments for file sync operations and problem determination.
* Used SOA, UDDI lookups and Web Services Description Language (WSDL) using SOAP protocol.
* Used JAX-WS framework to create SOAP web services.
* Used Web services for sending and getting data from different applications using the Rest template.

**Environment**: HTML5, CSS3, JavaScript, Angular 10, Microservices, AJAX, JAVA/J2EE, SQL, PL/SQL, XML,Kafka, Spring MVC, Spring Boot, Spring IOC, Spring Security, JSP, Spring Batch, Spock, Junit, Javascript, JQUERY, Cloud watch, Core Java, Hibernate, Unix script, Shell Scripts, JAX-WS, Soap Services, JAX-WS Security, wsdl-2, Maven, Junit, AWS



**Project Name :*PFA***

**Client: AT&T, Dallas, USA**

**Duration :Jan 2021 – March 2021**

**Role: Java Full Stack Developer**

**Responsibilities:**

* Actively involved in Analysis, Design, Development, Deployment, System Testing, and User Acceptance Testing. Successfully followed agile methodology in the Scrum Cycle model.
* Developed UI Layer for the application using HTML5, CSS3, Angular and Bootstrap.
* Added dynamic functionality to the application by implementing jQuery, Bootstrap, and Angular 10
* Developed multiple Angular components which are compatible with the latest versions of TypeScript and Angular CLI.
* Developed custom directives and created Angular services to consume in controllers.
* Created Typescript reusable components and services to consume REST APIs using Component based architecture provided by Angular.
* Worked with Advanced Java 8 features like Lambda for adding functionality processing capability and Stream API to facilitate pipeline processing and method to eliminate elements based on the criteria.
* Used Spring Boot Actuator to externalize the application's configuration properties for different environments.
* Secured the REST API by implementing OAuth2 token-based authorization scheme using Spring security.
* Implemented the application using Spring IOC, Spring MVC Framework, and Spring Batch and handled the security using Spring Security.
* Developed CI/CD system with Jenkins on Kubernetes Environment, Utilized Kubernetes and docker for the runtime environment for the CI/CD system to build, Test and Deploy.
* Implemented Microservices architecture using Spring Boot for making applications smaller and independent.
* Configured and administered Jenkins for CI/CD into Tomcat Application Server.
* Used JUnit Testing framework for performing unit testing.

**Environment**: Java, J2EE, Spring MVC, Spring Boot, Hibernate, Microservices, Angular 10, CSS, HTML5, JavaScript, REST, Tomcat, GIT, Maven, JIRA, JUnit, Jasmine, Karma, MongoDB, Agile and Scrum methodology.



**Project Name :*Concur***

**Client: AT&T, Dallas, USA**

**Duration :June 2020 – Jan 2021**

**Role: Java Full Stack Developer**

**Responsibilities**:

* Developed a Micro Service Oriented application withAngular 8 and Spring Boot Services.
* Developed various single page applications (SPA) using Angular 8
* Created proof-of- concept using responsive web design, React JS, Developed drag and drop document editing using React Js, and Maintained the project in one store with help of Redux, and also worked with Redux architecture.
* Configured React-Redux for state management and React-Router for programmatic navigation.
* Implemented Store-Redux for holding the whole state tree of application and Reducer-Redux for describing actions.
* Responsible for Requirement gathering, coding, testing and documentation.
* Extensively worked on Drools Rules Engine and Expectation Engine for writing Business Rules Validation.
* Designed and developed the messaging framework for communication between workflow manager and other Enterprise Applications over Java class and MQ-Series using JMS.
* Implemented a robust RESTful (Apache CXF) web service and automated documentation to the web services in the application is provided by Swagger by configuring hapi-swaggered and hapi-swaggered-ui.
* Implemented Spring Circuit breaker pattern, integrated Hystrix dashboard to monitor spring micro services, writing server-side request handling and automated functional test cases to validate UI functionality using Node.js.
* Implemented Node.js as server side proxy for event-driven, non-blocking I/O model, which made my applications to run across distributed devices.
* Configured Express JS node http framework to set up middle-wares to respond to HTTP requests and used its front-end tooling like web packs, starter packs and boiler plates efficiently.
* At a later point, migrated from Express JS to Hapi JS which is configured on top of Node JS to attain better performance, to use built in authentication and authorization techniques.
* Good amount of hands-on experience in developing server-side JavaScript frameworks using Node JS (Hapi JS, Express JS) to build event driven, non-blocking i/o model web applications.
* Extensively used Microsoft’s Bing Maps control with JavaScript and Silverlight toolkit Controls - Stack Panel, Grid, Dialog Modals, Date Picker, Accordion Item.
* Used Equella to put descriptive data in a digital repository and customized it to a video delivery system.
* Worked in integrating JMS with SPRING BOOT by providing an instance which is embedded with Active MQ.
* Junit is implemented along with Mokito to perform unit testing on our RESTful web application.
* Implemented JWT (JSON Web Tokens) for creating tokens to assert claims in the application and thus providing authentication of RESTful services.
* Implemented Node JS as a server-side proxy for an Implemented Oauth 2.0 for providing authentication and authorization for web services event-driven, non-blocking I/O model to make the application lightweight and efficient.
* Worked with the development team to create appropriate cloud solutions for client needs.
* Implemented database layer using EJB 3.0 and Java Persistence API(JPA) in maintenance projects
* Responsible for developing Use case diagrams, Class diagrams, Sequence diagrams and process flow diagrams for the modules using UML and Rational Rose.
* Involved in Preparation of the technical design documents and involved in identifying and implementation of different J2EE design patterns like Singleton and DAO etc.
* Wrote Unit Test case using JUnit, Mockito and PowerMock.
* Worked on MongoDB database concepts such as locking, indexes, sharing, replication, schema design.
* Created multiple databases with shared collections and chose shared keys based on the requirements.
* Experience in managing MongoDB environments from availability, performance and scalability perspectives.
* Experience in creating JavaScript for using DML operations with MongoDB.
* Using Apache Camel framework provided concrete implementations of all the widely used [Enterprise Integration Patterns](http://www.enterpriseintegrationpatterns.com/) (EIPs) and connectivity to a great variety of transports and APIs.
* Message broker services are achieved in the application using Active MQ with the JMS framework.
* Contemporary applications rely on relational databases, NoSQL databases and messaging infrastructure for achieving the internet scale. Cloud Foundry exposes MySQL, PostgreSQL, MongoDB, RabbitMQ and Redis as services that offer the database and messaging capabilities.
* Configured Kibana data visualization plugin for Elastic search, Log stash and created bar, line and scatter plots, or pie charts and maps on top of large volumes of data.
* Configured Docker container service and build pipeline Jenkins CI/CD tool for continuous integrating and deploying applications on servers.
* Responsible for migrating existing modules in IBM MQ to Apache Kafka and worked on creating Kafka adaptors for decoupling the application dependency.
* Implemented Netflix Zuul API gateway for all the requests from the devices and websites by registering services to Eureka.



● Authenticating Users and to provide the security to RestFul web services using OAUTH 2.0.

* Developed code for iBatis supporting classes, SQL mapping for Stored Procedures.
* Created stored procedures, triggers and functions using SQL Plus to meet user requirements.
* Used Log4j for logging errors, messages and performance.
* Integrated with MDM for managing user data, login and registration information are retrieved from MDM and synced with E commerce database

Environment: Java, J2ee, Java beans, Servlets, JMS, JSP, Drools, Angular 8, Servlets, GWT, Hibernate, EJB, JPA, Spring, Spring Security, Java Script, JDBC, UNIX, LINUX, Mockito, Apache tomcat, Selenium, Spock, Karma, Jasmine, Mocha, Chai, Mokito, Junit, mock mvc, Kubernetes, New Relic, Dump Analysis, Netflix Zuul, Eureka, Swagger, Maven3.0, HTML, XHTML, XSLT, JSON, SOAP, WSDL, Eclipse, Web Services, MySQL, SQL Plus, LDAP, Log4j.



**Project Name :*Temis***

**Client: BASF, NC, USA**

**Duration :Feb 2018 – June 2020**

**Role: Java Full Stack Developer**

**Responsibilities:**

* Involved in the complete Software Development Life Cycle including Requirement Analysis, Design, Implementation, Testing and Maintenance of the project which was modeled using waterfall model.
* Implemented Java Web services based on SOA architecture with **SOAP** and **WSDL**.
* Implemented **SOAP** messages for information exchange for **Web services**.
* Developed **SOAP web services** (JAX-WS) for sending and getting data from different applications **WSDL** generation and exposed the service at server-side over the Internet and tested the services using **JUnit**.
* Design and implemented **Axis** based **Web Services SOAP/WSDL** interface between java and Non-java applications.
* Used **Junit**, and **TestNG** frameworks for writing test cases and testing the application functionality.
* Used **Java Message Service** (JMS) for reliable and asynchronous exchange of important information for status reports.
* Used **Agile SCRUM** methodology for developing Application.
* Implemented the Project structure based on **Spring MVC** pattern using **dispatched servlet**.
* Designed various tables required for the project in **Oracle 11**g 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.
* Repeatedly worked on AWS Cloud platform and its features which include **EC2, VPC.**
* Wrote **GWT** code to create a presentation layer using GWT widgets and event handlers.
* Worked on creating documents in a Mongo database.
* Participated in development of a well responsive Single Page Application (SPA) using AngularJS framework, JavaScript and jQuery in conjunction with **HTML, CSS3** standards, with front-end UI team.
* Used JQ **grid/JSON/AJAX** and Custom **HTML** Helper Classes to implement asynchronous calls to the server to update the changes.
* Used best coding practices with **MVC** architecture in **EXTJS.**
* Designed and integrated **EXT-JS** prompts, designed navigation controllers, added search functionality.
* Developed reusable **EXT-JS** components Such as Viewport, Panel, and Grids.
* Integration of **ADF** application with web center portal.
* Integrated **ADF** application into web center portal and configure the security.
* Deploying ADF application to **WebLogic** server and debugging the application issues.
* Involved in the design and development of Batch Jobs using Spring Batch Architecture.
* Designed various tables required for the project in Oracle database and used Triggers for various database operations.
* Registered all the **RHEL** servers in **Red Hat Satellite 5.x, 6.x** and performed necessary patches.
* Used JIRA as a **Change Management/ Work Management/ SCRUM** Agile Tool.
* Used **UNIX/Linux** shell scripting to automate system administration tasks, system backup/restore management and user account management.
* Performed **MVC** frameworks like **SPRING** and Implemented object relational mappings using **JPA Java Persistence API.**
* Used **spring (transaction support modules and JPA).**
* Used **Spring Data JPA** that helped in creating automatic **Data Access Objects (DAOs)** at the compile time.
* **Unit, functional, end-to- end testing** is achieved using the TestNg framework.
* Integration testing methods and Behavioral driven testing in the application are implemented by using **Selenium** and **Cucumber** respectively.

**Environment**: **JDK 1.5, ADF, Java 8.0, Servlets, RHEL, XML, JSON Rest, Linux,Struts1.2, Selenium, Swing, HTML5,**

**Web Service(JAX-WS) , Oracle, SOAPUI, Eclipse Java EE IDE Neon.3, Jenkins, Git, Log4j, DB2, Grunt, Jasmine, Jenkins, OpenShift, Drools, Maven, TestNg, Protractor, Grunt, Selenium, Cucumber, WADL**,**ANT.**



**Project Name :*Cobema***

**Client: BASF, NC, USA**

**Duration :Aug 2016 – Jan 2018**

**Role: Java/J2EE Developer**

**Responsibilities**:

* Designed the user interface screen and its functionality as per user requirements and developed **RESTful** Web services.
* Created and consumed **RESTful** based Web services and worked with JMS Queues for sending messages in point to point mode communication.
* Developed dynamic web pages using **HTML5, CSS3, jQuery, Bootstrap, AJAX** for building up a **Monolithic application**.
* Created responsive UI modules using **Backbone JS** with hard coded dependency of **Underscore JS** in combination with **Handlebar JS** for templating.
* Used **Backbone JS** to utilize its minimal set of **data-structuring (models and collections**) and **user interface (views and URLs)** primitives for building a MVC workflow design.
* Performed a lot of **DOM** manipulations using **native JS** and **jquery** for **load manipulating** dynamic content on webpages.
* Accessed Restful resources with HTTP protocol, the URL of the resource serves as the resource identifier and **GET**, **PUT**, **DELETE**, **POST** and **HEAD** are the standard operations.
* Performed **Backbone JS** unit testing using **Qunit** test framework.
* Used Design Patterns like **Singleton, Factory, Session Facade and DAO**.
* Used spring and Hibernate for implementing **IOC, AOP** and **ORM** for back end tiers.
* Developed screens using **HTML5, CSS, JavaScript, JQuery** and **AJAX**.
* **JAX-RS** API generic and pluggable interface called **Message Body Writer** for doing the custom marshaling.
* Developing and editing user Interface Screens using **JSP, HTML5.0, JavaScript** and **node.js**.
* Used **Ajax** for sending and retrieving data from server by giving URL to get **JSON** data for models and to populate models from the server.
* Extensively used **Hibernate mappings, HQL, EHCache, Query, Lazy loading Transactions** and **Locking**.
* Used DAO pattern to fetch data from databases using **Hibernate** to carry out various database operations.
* Used **Hibernate Transaction Management, Hibernate Batch Transactions, and cache concepts.**
* Created and injected **spring services, spring controllers and DAOs** to achieve dependency injection and to wire objects of business classes.
* Used **Spring Inheritance** to develop beans from already developed parent beans.
* Extensively used various Spring Framework modules like **MVC, DI (IOC), Auto Wiring, JDBC Templates and Spring Security**.
* Implemented **Spring Security** for providing authentication and authorization for web services.
* Exposed the Web Services to the client applications by sharing the **WSDL**.
* Developed various **generic JavaScript** functions used for validations.
* Used **Maven** and **Jenkins** to automate the build and deploy process.
* Focused on test driven development, thereby creating detailed **Junit** tests for every single functionality before writing the functionality.
* Developed SQL Queries for performing CRUD operations in Oracle for the application.
* Used **LOG4J**, JUnit for debugging, testing and maintaining the system state.
* 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: J2EE, Backbone JS, Handlebar JS, Spring framework, Hibernate, JSON, AJAX, REST, SOAP, XML, Apache CXF AngularJS, JQuery, JavaScript, Oracle 10g, IBM RAD, WebSphere, Apache Maven, JUnit, HTML, SVN.**



**Project Name :EASE**

**Client: Boeing, Kochi, Kerala**

**Duration :Feb 2011 – June 2016**

**Role: Java/J2EE Developer**

**Responsibilities:**

* Involved in the architecture team for **design and implementation** of systems.
* Developed a Monolithic application and generated UI screens using **JSP, HTML, CSS and JavaScript**.
* Worked on **JSP, Servlets, Struts framework** and production support issues of the existing applications.
* Implemented **Struts Dispatch Action** class and formed bean classes using **struts** framework.
* Client-server validations were handled using **StrutsValidator Framework validate** plug-in.
* Implemented **Multithreading** for handling multiple requests and for high performance.
* Developed model components using session beans and used local message driven beans (MDB) to interact with sessions using **EJB**.
* Responsible in creating **Servlets**, which route submittals to appropriate Enterprise Java Bean (**EJB**) components and render, retrieved information and **EJB** Session Beans were used to process request from user interface using OSS.
* **Java message queue** (JMS) is used for exchanging information and messaging services.
* Designed and developed **Message Driven Beans** (MDB) that consumed the messages from the **JMS**.
* Build and maintain **SQL** scripts, indexes, and complex queries for data analysis and extraction.
* Develop a business continuity plan for the **SQL Server Databases** using **JDBC** drivers.
* Created many **stored procedures** and scheduled jobs to support our applications to create reports for customers.
* Development of **Entity classes** and establishment of relationships between them using Annotations.
* Experience in installing, configuring and deploying applications on **Web Logic Server**.
* Developed **DAO** pattern to retrieve the data from the database.
* Developed **SOAP web services** (JAX-WS) for sending and getting data from different applications **WSDL** generation and exposed the service at server-side over the Internet and tested the services using **JUnit**.
* Deployed application on **Client Linux server**.
* Used **ANT** build tool for compiling and generating war files.
* Implemented **OAuth 2.0** for providing **authentication and authorization** for web services**.**
* Developed and modified **database** objects as per the requirements.
* Involved in **Unit integration, bug fixing**, acceptance testing with test cases, Code reviews.
* Implemented **Multi-threading** concepts.
* Developed the application using **Core Java, J2EE and JSP**.
* Different Types of testing viz **Unit, System, Integration testing** etc. is carried out during the testing phase.

**Environment**: **Java/ J2EE, JEE7 JSP, CSS, JavaScript, AJAX, Hibernate, Spring MVC, XML, EJB, Web Services, SOAP, Eclipse, Rational Rose, HTML, XPATH, XSLT, DOM and JDBC.**