Varun Kumar

Sr. /Lead Full Stack Java DeveloperDirect: 6148100188

**OBJECTIVE**:

* IT professional with 9 years of experience in Java and J2EE technologies including analysis, design, implementation, testing and maintenance of applications with the ability to make solutions oriented, creative and innovative contributions in
highly demanding situations. I bring a strong technical foundation, a track record of successful project delivery, and a dedication to ongoing learning. I am confident in my ability to contribute effectively to any software development team and drive positive results.
* highly demanding situations.

**PROFESSIONAL SUMMARY:**

* Experience in implementing Java/J2EE projects, working through Analysis, Design, Development, Testing and Implementation.
* Expertise in designing and developing server-client and web-based applications in Java/J2EE technology using Object Oriented Technology.
* Proficient in writing ANT and Maven for builds and deployments to different environments.
* Extensive experience in various agile methodologies like Test Driven Development (TDD), SCRUM, and Pair Programming.
* Acquainted in programming skills with an experience of developing an n-tier application, and enterprise applications using technologies like JAVA, J2EE, spring, Servlets, JSP, JDBC, Mongo DB, and Oracle which makes a clear differentiation between layers.
* Proficient in developing web interfaces using HTML5, CSS, Bootstrap, JavaScript, Angular-JS and jQuery.
* Extensive experience on Oracle, MySQL, MS SQL Server and Solid understanding of Database Management System.
* Hands-on experience in development of Microservices and deploying in Docker.
* Good working experience of modern NoSQL platforms (Mongo DB, Cassandra and Dynamo DB).
* Good working experience with GraphQL schema, queries and mutations to interact with Mongo DB and several other data layers.
* Experience on IDEs such as IntelliJ IDEA, Eclipse, Spring Tool Suite, RAD and deployment using Application Servers like Apache Tomcat, BEA WebLogic, Web Sphere, Glassfish, Camel and JBOSS.
* Experience with Selenium, JUnit, Mockito, and Log4j in developing test cases and determining application functionality.
* Experience with messaging systems like Kafka and Kafka event sourcing.
* Experience in Core Java, Multithreading and Design Patterns.
* Having good experience in maintaining UI using jQuery, JavaScript, JSP, HTML, CSS with JSON, Groovy.
* Good programming experience using Java, spring, Spring MVC, Hibernate, JPA, Servlet, Struts, Java Beans, JDBC, JTA, JSP.
* Adept in designing and developing spring, Struts, MVC, Java/J2EE based framework.
* Accountable for design patterns like Singleton, DTO, DAO, Factory, Session Facade, Front Controller Service Locator using Struts framework.
* Familiar in deploying applications using Java build tools Apache Ant, Maven.
* Designed the client-end applications and user interactive web pages using web technologies like Angular JS, NodeJS, and HTML.
* Deep hands-on experience on building scalable web service architectures with various relational ( MySQL, SQL Server, Red Shift), and distributed database systems ( GraphDB, Mongo DB, Elastic Search, Redis).Designing, Deploying, Administering, and Monitoring, Optimizing large Distributed data Clusters using Mongo DB.
* Utilized Amazon Web Services (AWS) EC2 to deploy Dockers containers with both monolith and MicroServices architecture.
* Experience on AWS Cloud, extensive usage of, Elastic Beanstalk, Dynamo DB, and S3.
* Experienced in writing SQL and PL/SQL scripts including views, indexes, sequences, packages, procedures, functions, database triggers.
* Experience on UNIX/LINUX Shell Scripting and Deployment of Applications in Server.
* Excellent work experience with Version Control Tools such as VSS, SVN and GitHub.
* Well versed in experience in designing and developing Web based Enterprise Applications for J2EE platform using Core Java, Servlets, JSP, EJB, JMS, JSF, Swing, Struts, Spring, Hibernate, XML, JDBC, Web services and SOA.
* Mastered different modules of Spring Framework such as Spring MVC, IOC, AOP, DI, Spring Boot, Spring Aspects, REST, Spring
* Integration, Spring Testing and Spring JDBC and good hands-on experience with Spring IO, Spring Boot implementing REST.
* Good experience with Typescript, Types, Functions, arrays, tuples, unions, classes &amp; inheritances in tyscripts in angular.
* Expertise in Hibernate, Docker, Jenkins, Azure, EMR, Apigee, Splunk, Dyna Trace Management tools and a web commerce like ATG.
* Taking thread and heap dumps during production issues, analyzing them and identify the faulty piece of code.
* Having good Experience in MVVM design pattern such as Angular.
* Created robust client-side model and validation using HTML, DHTML, CSS, Java Script, JSP, and Struts Tag Library.
* Hands on experience with XML suite of technologies such as XML, XSD, DTD, XML Schema, DOM.
* Expertise in developing web services with XML based protocols such as SOAP and WSDL.
* Extensive experience in RDBMS Design, ER modeling, SQL, PL/SQL, procedures, cursors, triggers.
* Extensive experience on J2EE Web Application Servers such as IBM Web Sphere Server, BEA Web logic, JBoss, Glassfish &amp; Apache Tomcat server.
* Proficient in using Source control Management tools like CVS, SVN, VSS, PVCS and Rational Clear Case.

**TECHNICAL SKILLS:**

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| --- | --- |
| Programming Languages | Java, J2EE, C, C++, SQL, PL/SQL. |
| Software Methodologies | Agile, Scrum, SDLC Waterfall. |
| J2EE Technologies | Servlets, JSP, JDBC, EJB, JSF, Java Beans XSD, JAX-RS, JAX-WS, SOAP, WSDL. |
| Web Technologies | HTML, DHTML, XML, CSS, jQuery, JavaScript, AJAX, Bootstrap, JSON, Angular, React JS, Node JS, Express JS, Angular JS. |
| Web service Frameworks  | Spring, Hibernate, Struts, Spring MVC, Spring IOC, Spring Boot, Spring AOP, Spring Web Flow, JSF, Log 4J, JUnit, Hibernate, JPA. |
| Web Services | SOAP, GraphQL, RESTful, SOAP, Restful, UDDI, WSDL, JAX-RPC, JAX-RS, JAX-WS, JAX-B, Micro Services, AWS (Amazon Web Services). |
| Databases | Oracle, MS SQL Server, MySQL, Mongo DB. |
| O-R Mapping | Hibernate, JPA |
| Testing Tools/Others | Junit, Mockito, Log4J, Postman, SOAP, JMeter, JIRA. |
| Cloud Technologies/DevOpsTools  | AWS, EC2, Azure, GCP, Docker. |
| Build Tools | Maven, Ant, Gradle, Jenkins. |
| Version Control Tools | GIT, GITHUB, SVN, Bit Bucket. |
| Application/Web Servers | Web Logic Server 12c, Web Sphere Application Server, Apache Tomcat, Apache HTTP Server, JBoss. |
| IDE Tools | Spring Tool Suite, Eclipse, IntelliJ IDEA, Net Beans. |
| Operating Systems | Windows, Linux, Unix, Mac OS. |

**PROFESSIONAL EXPERIENCE:**

**Sr. /Lead Java Full Stack Developer**

**Kaiser Permanente, Remote Oct 2022 to Present
Responsibilities:**

* As a Sr. Developer I have involved in analysis and design phases of Software Development Life Cycle (SDLC).
* Leading a team of 5 Java developers in designing, developing, and maintaining enterprise-level applications.
* Provided technical guidance and mentorship to team members, fostering skill development and collaboration.
* Designing, developing, testing and providing internal documentation of complex software solutions in a Full stack environment.
* Utilized Amazon Web Services (AWS) EC2 to deploy Docker containers with both monolith and MicroServices architecture.
* Used a Microservice architecture, designed and developed RESTFUL web services using Spring Boot framework.
* Responsible for Continuous Integration (CI) and Continuous Delivery (CD) process implementation using Jenkins along with UNIX Shell scripts to automate routine jobs.
* Extensive use of Git for version control and IntelliJ IDE for development of the application.
* Configured the struts configuration file to map the Action Forms with the Form Beans and Action Classes with the Actions.
* Used JSP with Struts Framework for developing User Interfaces.
* Designed and developed a web-based test client using spring, Java Script, HTML and XML to test different parts of the application.
* Experience writing Kafka Stream applications using Kafka APIs and Kafka Streams API Implemented ingestion services to connect to RDBMS using Kafka producer API's / Kafka Connect. Experience writing Kafka.
* Generated Java APIs for retrieval and analysis on No-SQL database such as HBase and Cassandra and Worked with NoSQL databases like Cassandra and Mongo DB for POC purpose.
* Used Docker, spring Boot, JBOSS, AWS and Cassandra.
* Developed AngularJS Single Page Application consuming JSON data from Restful services.
* Deployed Spring Boot based microservices in Docker and Amazon EC2 container using Jenkins.
* Software deployment support in staging and production environments.
* Used Microservice architecture with Spring Boot based services interacting through a combination of REST and Apache Kafka message brokers.
* Consuming NodeJS RestFul API services.
* Implementing MVC architecture using hibernate value and mapping XML files.
* Deployed applications on AWS by using Elastic Beanstalk.
* Worked with OpenShift platform in managing Docker containers and Kubernetes Clusters.
* Worked with XPath, SAX and DOM for validating and loading the end of day XML files.
* Involved in writing Java API for Amazon Lambda to manage some of the AWS services.
* Developed AngularJS Single Page Application consuming JSON data from Restful services
* Used Angular Resource and http services to retrieve the data from server and to display the content on the browser and took part in creating custom reusable components.
* Created GraphQL schema and queries to interact with Mongo DB database.
* Used JIRA tool for Issue/bug tracking for monitoring of work assignment in the system and Log4J was used to monitor the error logs.
* Developed various J2EE components like Servlets, JSP, JSTL, AJAX, SAX, XSLT, JAXP, JNDI, LDAP, JMS, and MQ Series by using RAD.
* Integrated spring (Dependency Injection) among different layers of an application.
* Worked high-end on collections and multithreading.
* Develop XQuery code for Jurisdiction, date, effects, sections, citations and search-based facets for content management’s tools.
* Developing XML schema for content structure.
* Designed and developed a web-based test client using spring, Java Script, HTML and XML to test different parts of the application.
* Implemented business logic in Java Beans for data transfer with help of DAO.
* Develop Spring-Hibernate template for database access and implementing persistence mechanism for the application Singleton, Front Controller, Factory and DAO design patterns.
* Developing complex SQL Queries for supporting the data transfer to and from web application, oracle database using Hibernate Query language.
* Developed AngularJS Single Page Application consuming JSON data from Restful services.
* Created Junit test cases to test the codes and validate the release.
* Worked on Amazon AWS cloud services like Writing Lambda functions for producing data from different sources, S3 as storing the data, SNS, SQS, RDS, IAM for security, Cloud Front, Cloud Watch for logging the error.
* Designed the application by implementing JSF Framework based on MVC Architecture, simple JavaBeans as a Model, JSP and JS UI Components as View and Faces Servlet as a Controller.
* Troubleshoot custom-solutions, and devise alternative customization approaches to alleviate congestion, handle failures, or accommodate demand.
* Extensively used XML Suite of Technologies like XML, XSL, XSLT, DTD, Mongo DB, Cassandra, XML Schema, SAX and DOM Parsers.

**Environment:** Java, JSP, JDK, HTML, CSS, Bootstrap, JavaScript, Angular, MicroServices, Multithreading, GraphQL, Spring MVC 3, Spring Boot, AWS, Unix, Eclipse, SVN, JBoss, Web Sphere, DB2, IBM Data Studio, Kafka, SQL, FTP, Spring Security, Struts, Hibernate, Apache Tiles, JavaScript, Ajax, jQuery, CSS3, JAX -WS, Web Services, SOAP, WSDL, DB2, JUnit4, Log4j, SOAP UI, Maven.

**Java Full Stack Developer**

**Lumen, Remote Mar 2021 to Sep 2022**

**Responsibilities:**

* Designing, developing, testing and providing internal documentation of complex software solutions in a Full Stack environment.
* Developing and coding J2EE Components with JSP, JAVA Beans, and business objects with Hibernate.
* Used Microservice architecture, designed and developed RESTFUL web services using Spring Boot framework.
* Designed and implemented Junit test cases.
* Utilize Configuration Management Tool Chef &amp; creating Chef Cookbooks using recipes to automate system operations.
* Configuring, setting up of Tomcat, Apache, Apache Kafka, Apache Cassandra, HA proxy, Redis etc.
* Design and implement microservices API for mobile/web front end and back-end edge points.
* Good Knowledge on Microsoft Azure Cloud.
* Enhanced application performance by Angular Component based development in view of future Angular framework transitions.
* Injected Angular built-in http service to custom services to communicate with backend with RESTful APIs and Used Pipes to format and sort data displayed in the templates.
* Experience with DevOps tools such as Jenkins, Maven, and Artifactory.
* Was involved in all phase performance tuning and Responsible for sending the release notes for deployments.
* Able to successfully setup with applications in local machine for smooth development.
* Involved in design and estimations, delivered multiple projects enhancements.
* Involved in design and development of GraphQL and services to interact with data storage layer.
* Optimized performance is achieved by Angular Lazy Loading.
* Implemented React router for building the single page application.
* Managing Amazon Web Services (AWS) infrastructure with automation and configuration management tools such as Chef, Puppet and Ansible.
* Administered and Engineered Jenkins for managing weekly Build, Test and Deploy chain GIT with Dev/Test/Prod Branching Model for weekly releases.
* Using Azure Functions to integrate applications and run backend processes according to schedules without provisioning/managing servers.
* I have worked over data binding, style binding, event binding and more in angular.
* Daily development leveraging the Java ecosystem in backend web-based application.
* Built backend REST API with Node.js.
* Utilized IBM soft layer Zeus to deploy WAR deployable with MicroServices architecture.
* Implemented J2EE web-based system using the concrete principles of Struts; Tiles laid down by Java APIs several design patterns such as Struts framework, J2EE Business Delegate, and Database.
* Designed database schema on SQL Server R2 and Written JavaBeans and Action classes to build project modules.
* Developed Struts Action Forms and Action Classes to control the application flow and used Struts and JavaScript Validation framework to validate the values entered in the forms.
* Used Rabbit Mq for Message Queuing and Microservices like SOA with ESB and Kafka.
* Migrated existing on-premise infrastructure into cloud using AWS, Azure and its associated Services.
* Azure Resource Manager (ARM) provides security, auditing, and tagging features to help you manage your resources after deployment.
* The application is based on MicroService Oriented Architecture using Angular and Cassandra DB and MySQL to develop Single Page Applications (SPA).
* Creating and building Jenkins Pipelines for CI/CD Process.
* Jenkins administration to user access credentials, deployment email notification, configuration for new users and using matrix plug-ins to manage Jenkins.

**Environment**: JAVA, J2EE, Spring Boot, Kafka, Spring MVC, Microservices, GraphQL, hibernate, JQuery, AJAX, MongoDB, JSTL, Oracle 11g, WebLogic, Eclipse, Junit, Log4j, Maven, AWS, Angular, Node JS, React JS, HTML5, CSS3, Maven, Hudson, JIRA, JPA Selenium, GIT.

**Java Backend Developer**

**Visa, TX Mar 2019 to Feb 2021**

**Responsibilities:**

* Involved in analysis and design phases of Software Development Life Cycle (SDLC).
* Designing, developing, testing and providing internal documentation of complex software solutions in a Backend environment.
* Utilized Amazon Web Services (AWS) EC2 to deploy Docker containers with both monolith and MicroServices architecture.
* Used Microservices architecture, designed and developed RESTFUL web services using Spring Boot framework.
* Responsible for Continuous Integration (CI) and Continuous Delivery (CD) process implementation using Jenkins along with UNIX Shell scripts to automate routine jobs.
* Extensive use of Git for version control and IntelliJ IDE for development of the application.
* Used JSP with Struts Framework for developing User Interfaces.
* Experience writing Kafka Stream applications using Kafka APIs and Kafka Streams API Implemented ingestion services to connect to RDBMS using Kafka producer API's / Kafka Connect. Experience writing Kafka
* Used Docker, spring Boot, JBOSS, Azure, Cassandra.
* Software deployment support in staging and production environments.
* Used Microservice architecture with Spring Boot based services interacting through a combination of REST and Apache Kafka message brokers.
* Implementing MVC architecture using hibernate value and mapping XML files.
* Worked with XPath, SAX and DOM for validating and loading the end of day XML files.
* Used JIRA tool for Issue/bug tracking for monitoring of work assignment in the system and Log4J was used to monitor the error logs.
* Developed various J2EE components like Servlets, JSP, JSTL, AJAX, SAX, XSLT, JAXP, JNDI, LDAP, JMS, and MQ Series by using RAD.
* Integrated Spring (Dependency Injection) among different layers of an application.
* Develop XQuery code for Jurisdiction, date, effects, sections, citations and search-based facets for content management’s tools.
* Developing XML schema for content structure.
* Implemented business logic in Java Beans for data transfer with help of DAO.
* Develop Spring-Hibernate template for database access and implementing persistence mechanism for the application Singleton, Front Controller, Factory and DAO design patterns.
* Developing complex SQL Queries for supporting the data transfer to and from web application, oracle database using Hibernate Query language.
* Created Junit test cases to test the codes and validate the release.
* Troubleshoot custom-solutions, and devise alternative customization approaches to alleviate congestion, handle failures, or accommodate demand.
* Extensively used XML Suite of Technologies like XML, XSL, XSLT, DTD, XML Schema, SAX and DOM Parsers.
* Designed the application by implementing JSF Framework based on MVC Architecture, simple JavaBeans as a Model, JSP and JSF UI Components as View and Faces Servlet as a Controller.
* Wrote UNIX Shell scripts and used UNIX multi-platform environment to deploy the EAR and read the logs.

**Environment**: Java, JSP, JDK, MicroServices, Spring MVC 3, Spring Boot, AWS, Unix, Eclipse, SVN, JBoss, Web Sphere, DB2, IBM Data Studio, Kafka, SQL, FTP, Spring Security, Struts, Hibernate, Apache Tiles, JavaScript, Ajax, jQuery, CSS3, JAX -WS, Web Services, SOAP, WSDL, DB2, JUnit4, Log4j, SOAP UI, Maven.

**Java Full Stack Developer**

**Adobe, CA Jan 2017 to Feb 2019**

**Responsibilities:**

* Involved in complete development of ‘Agile Development Methodology/SCRUM’ and tested the application in each iteration.
* Developed web Application Using Core Java, spring, Hibernate, HTML, CSS, Java Script, jQuery and AngularJS.
* Developed the application using Servlets and JSP for the presentation layer along with JavaScript and jQuery for the client-side validations.
* Used Multithreading in programming to improve overall performance using Singleton design pattern in Hibernate Utility class.
* Analyzed the Node.JS server structure in legacy project, then mimicked the REST service by using Java JAX-WS API and did the corresponding configurations.
* Used SVN as version control tool.
* Used Hibernate in Data Access Layer to access and update information in the database.
* Support our application platforms in both production and the non-production test environments.
* Implemented Hibernate and spring’s Data Access Object (DAO) layer together offer a high performance, productive approach to persist Plain Old Java Objects (POJOs).
* Investigate and troubleshoot Production issues.
* Worked with Node.JS framework including authoring complex directives, services, controllers and filters.
* Implemented load-balancing with NGINX to allow dozens of Node JS instances to handle thousands of concurrent users.
* Involved in production bug fixes, analyzing and improving overall application performance.
* Designed and developed the REST based Microservices using the Spring Boot.
* Used the basic principles of MVC to incorporate the AngularJS to build client-side application and Node.js for building server-side API.
* Involved in multi-tiered J2EE design utilizing Spring Inversion of Control (IOC) and hibernate.
* Configured and Implemented Spring AOP for transaction management, logging and performance tracking.
* Written end-to-end flow i.e., controllers’ classes, service classes, DAOs classes as per the Spring MVC design and business logics using core java API and data structures
* Used Spring JMS related MDP to receive the messages from other team with IBM MQ for queuing.
* Developed the Business layer using spring (IOC, AOP), DTO, and JTA.
* Used NOSQL database Amazon dynamo DB to store data of reporting Application.
* Used Microservice architecture with Spring Boot based services interacting through a combination of REST and Apache Kafka message brokers.
* Ran Log aggregations, website Activity tracking and commit log for distributed system using Apache Kafka.
* Used XSLTs for request &amp; response transformations within APIGEE.
* Integrated the different pages to be a single page application using Angular and Typescript.
* Established Database Connectivity using JDBC, Hibernate O/R mapping with Spring ORM for Oracle.
* Worked on Hibernate for mapping the java objects to relational database and SQL queries to fetch the data, insert and update the data from the database.
* Software deployment support in staging and production environments.
* Extensively used HQL and SQL for querying databases.
* Implemented SOA architecture with Web Services using SOAP, WSDL, UDDI and XML using Apache CXF framework and worked on parsing the XML files using DOM/SAX parsers.
* Created tables, triggers, PL/SQL Stored Procedures, SQL queries, Joins, i2ntegrity constraints and views for Oracle.
* Designed and developed functionality to get JSON document from Mongo DB document store and send it to client using RESTful webservice.
* Optimized Microservices using NodeJS and ES6 as interfaces to Cassandra NoSQL database.
* Deployed the applications using WebLogic Application server.
* Used Software Configuration Management (SCM) and Java Build Tool Maven.
* Consumed the developed Web services in Angular application.
* Selecting the appropriate AWS service based on compute, data, or security requirements.
* Integration of Amazon Web Services (AWS) with other applications infrastructure.
* Experience working with Docker to improve our (CD) Continuous Delivery framework to streamline releases
* Used JIRA for defect management and to keep track of bugs and issues.
* Built application using MAVEN and used Log4J to generate log files for the application.
* JUnit/Mockito Frameworks were used for performing unit & integration testing by writing test cases.

**Environment:**Java, Angular, NodeJS, Spring, Spring Boot, Microservices, Mongo DB, Cassandra, Hibernate, EJB 3, WebSphere, JBoss, Bootstrap, Java Script, Oracle 11g, PostgreSQL, SVN, AJAX, JSR, JNDI, JAX-WS, Ant, Maven, SQL, PL/SQL, Git, Jenkins, AWS, REST, JSON, POSTMAN, Kafka, WebSphere, SQL, PL/SQL.

**Java/J2EE Developer**

**9XIT Solutions, India Apr 2013 to Aug 2015**

**Responsibilities:**

* Involved in the complete Software Development Life Cycle (SDLC) phases such as Requirement Analysis, Design and Implementation of the project.
* Used the light weight container of the Spring MVC Frame work to provide architectural flexibility for inversion of controller (IOC).
* Used Spring Framework for dependency injection.
* Implemented and deployed several EJB (Session and Entity).
* Used Microservices architecture, with Spring Boot based services interacting through a combination of REST and Spring Boot.
* Worked extensively with the backend which comprised of spring, Hibernate and JPA.
* Used Spring Boot Actuator to monitor and manage the application in production environment.
* Implemented Multithreading for improving performance of the batch processes.
* Developed server side JavaScript using Node JS.
* Designed and developed the login portal using framework Angular along with HTML5, CSS3 and Type Script.
* Used LOG4J for error logging at the development box and used ANT for building the deployable EAR/WAR components.
* Used WebSphere Application Server for deploying various components of application.
* Used Spring Core for IOC implemented using DI and developing Restful web services.
* Implemented the application using Spring Boot Framework and handled the security using Spring Security.
* Worked on implementing Microservices architecture by using containers.
* Implemented Back office loan services and web applications using Session Façade, Service Locator, Data Access Objects, Business Delegate, MVC, Front Controller and Data Transfer Object design patterns.
* Created DB2 SQL Procedures, Functions & Stored Procedures, Nested Tables, Cursors, DB2 Packages, Reports &SQL Functions for Reports.
* Having experience in developing a data pipeline using Kafka to store data.
* Developed the application using RAD model.
* Worked with VSS Version control in order to create virtual library of computer files.

**Environment**: Java, JSP, Servlets, EJB2, spring, spring boot, Angular, Kafka, Microservices, JDBC, Multithreading, Design patterns, HTML, XML, CSS, Log4j, Ant, Web services, RAD, IBM WebSphere server.