**ANIL KUMAR**

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**Summary of Experience:**

* Having 9+ years of IT experience in Object Oriented Programming, Analysis, Design, Documentation, Integration, Testing and Implementation of Client-Server, Distributed Multi-tiered and Large-Scale Enterprise applications in **Waterfall** and **Agile methodology** using **JAVA**, J**2EE and Web technologies.**
* Experience in all phases of Software Development Life Cycle **(SDLC),** which includes User Interaction, Business Analysis/Modeling, Design, Development, Integration, Documentation, Testing, and Deployment.
* Expertise in developing Multi-tier enterprise level web applications using various J2EE technologies including **JSP**, **Servlets, Struts, Spring, Hibernate, JTA, JDBC, JNDI, JMS**, **Java Multi-threading API**.
* Extensive experience in design, development and support Model View Controller using **Struts** and Spring framework.
* Mapping like One to One, one to many and Many to Many based-on requirements using **Hibernate**.
* Experience in **web application** development using **SOAP, RESTful Web Services and spring, Hibernate JDBC, Servlets, JSP, JSTL, Java Beans, MVC, Express JS, Struts and JSF.**
* Expert in developing User Interface (UI) Applications and professional Web Applications using **Web Standards, HTML5**, **CSS3, Object Oriented JavaScript, Angular JS, Angular 2/4/6/8/9, React JS, Node JS, Nest Js, JQuery, Bootstrap3, Ajax Concepts, CSS3 Media Queries**
* Good knowledge and experience in **Core** and **J2EE** design patterns like **Singleton, Abstract Factory, Builder, MVC,** Business Delegate, Data Transfer Object **(DTO),** Data Access Object **(DAO).**
* Substantially acquainted to **SOA (Service Oriented Architecture)** and experience in developing **Web services** using **Apache CXF, WSDL, SOAP, REST, UDDI and JAXB/JAXP.**
* Experience in implementing **AWS solutions** using **EC2, S3, RDS, EBS, Elastic Load Balancer, Auto scaling groups**.
* Experience in JMS over messaging to exchange the information in more reliable and asynchronous way in enterprise Applications. Used **Apache Active MQ, Rabbit MQ, AMQP as JMS** provider
* Experience in **NOSQL** databases like **Cassandra** and **MongoDB**.
* Experience in creating customized **Docker** images and push them to **Amazon ECS,** good knowledge in containerization.
* CI-CD, release orchestration, **DevSecOps**/ automated quality gates, Splunk/Cyber Security and Big data ... Product Manager/Team Lead/ Senior **Full Stack Developer** ...
* Setting up and configuring **Kafka** Environment in Linux from the scratch and monitoring it.
* Experienced with XML and related technologies such as **XML, DTD, Schema, DOM** and **SAX (JAXP)** technologies.
* Implemented Integration and automated deployment projects for **Java** Builds, Dot Net Builds and Vendor based components. ... **full** automation, Continuous Integration
* Experience in using **API testing tools** like **SOAP** **UI and POSTMAN extension.**
* Experience in performing **unit** **testing** using **JUnit, Mockito.**
* Used **Jenkins** as a continuous integration tool for application building, testing and deploying.
* Experience in working with **Angular** modules, services, templates, directives, services and dependency injection to create a **SPA**
* Experience in using **different Spring Modules** – **Spring Boot, Spring Data JPA, Spring MVC**, **Spring Integration, Spring** **Security, Spring JDBC, Spring IOC** and **Spring AOP.**
* Strong experience in developing data models using **POJO's** and configuring **Hibernate** persistence layer.
* Experience in writing **SQL Queries, HQL Queries** and Stored Procedures in databases like **Oracle, SQL Server and MYSQL.**
* Experience on creating **Microservices** with **Spring Boot**, **REST** web services.
* Hands-on experience in designing and development of Messaging Applications using Java Messaging Service **(JMS).**
* Extensively worked on debugging using logging Frameworks such as **Apache Log4J.**
* Experience in using Version Control Tools **GitHub, Tortoise SVN, Apache Subversion and CVS.**
* Good Knowledge in build tools like **ANT**, **Gradle** and **Maven**.
* Hands on experience in deploying applications in Web Application Servers like **Apache Tomcat, IBM Web Sphere, and JBoss.**
* Excellent interpersonal abilities, communication skills, time management and Team skills with an intention to work hard to attain project deadlines under stressful environments.
* Excellent working knowledge and thorough exposure on compatibility issues with different versions of browsers like **Internet Explorer, Mozilla Firefox, Safari** and **Google Chrome.**

**Technical Skills:**

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| **Languages** | Java, J2EE, C, C++ |
| **Frameworks** | Jakarta Struts, spring, IBM JADE, Log4J, SLF4J |
| **J2EE Technologies** | Servlets, JSP, EJB, JMS, JNDI, Web Services, JDBC, SOAP, Mule |
| **ORM technology** | Hibernate |
| **Web Technologies** | HTML, JavaScript, CSS, JSON, AJAX, XML, ESAPI, jQuery, AngularJS, Angular 2/4/6/8/9, Typescript, React JS, Node JS, Nest JS |
| **App/Web servers** | Apache Tomcat 5.x, IBM WebSphere, OC4J, Docker |
| **Source Control Tools** | WinCVS, Serena Dimension, SVN |
| **IDEs** | IBM WSAD 7.5, Eclipse, JDeveloper, IntelliJ, Borland Together Architect |
| **Databases** | Oracle, MS SQL Server, My SQL and IBM DB2 |
| **Operating Systems** | Windows, UNIX, Linux |
| **Web Services** | SOAP, REST, WADL, XML, JSON |
| **Methodology** | Waterfall, Agile methodology |
| **Testing Tools** | HP Load Runner, SOAP UI |
| **Other Tools** | FileZilla, BugZilla, Putty, Rapid SQL, IBM DB2 client, CISM, JIRA, SQL Developer |

**Project Experience:**

**Client: Visa, Austin, TX Aug 2022 – Till Date**

**Role: Senior Java Full Stack Developer**

**Responsibilities:**

* Designed and coded application components in an Agile environment.
* Involved in analysis, specification, design, and implementation and testing phases of Software Development Life Cycle (SDLC) and used agile methodology (SCRUM) for developing application.
* Used Java 8 Lambda expressions for rewriting the code.
* Used the fundamentals of Java8 features like parallel streams and filters through lambda expressions to handle searching.
* Designed and developed the End Points (Controllers), Business Layer, DAO Layer using Hibernate/JDBC template, using Spring IOC (Dependency Injection).
* Designed and developed Rich user interface using Angular JS, JavaScript, HTML5, CSS3, AJAX and JSON.
* Used Spring DAO Module to deal with Database.
* Implemented the application using Spring MVC Framework and handled the security using Spring Security.
* Used Hibernate, object relational mapping (ORM) solution, technique of mapping data representation from MVC model to Oracle Relational data model with an SQL-based schema.
* Implemented RESTful web services using Jersey for JAX-RS implementation and documented using Swagger.
* Moved our application to Microservices to make our deployment easy.
* Implement Java8 features including Lambda, Advanced for each loop, and Streams.
* Implemented the REST API's and data transformers using the JAVA connector which involves use Java8 features Lambda and Streams in particular.
* Performed CRUD operations like Update, Insert and Delete data in Teradata.
* Worked on NOSQL database Cassandra.
* Integrated the application with Apache Camel to convert the json data to csv files.
* Experience of instance deployment on cloud platforms Microsoft Azure, Google cloud, AWS.
* Experience in Junit and groovy to develop unit testing and debugging of application.
* Involved in writing java API for Amazon Lambda to manage some of the AWS service.
* Implemented functionality like searching, filtering, sorting, validating using Angular JS and JavaScript.
* Written various AWS Lambda services for automating the functionality on the Cloud.
* Improved performance our application by making asynchronous calls to the Rest API with the help of JAVA 8 features.
* Worked with core java concepts like Collections Framework, Multithreading and Memory management.
* Involved in installing and configuring Maven for application builds and deployment
* Worked on Log4J to validate functionalities and Mockito framework JUnit for unit testing.
* Automate build process through Maven build framework.
* Used JIRA to assign, track, report and audit the issues in the application.
* Setup the continuous Integration (CI) process for the application using the Jenkins.
* Used GIT to maintain the version of the files and took the responsibility to do the code merges from branch to trunk and creating new branch when new feature implementation starts.

**Environment**: Java 8, HTML5, CSS3, JavaScript, React, Agile (SCRUM), AJAX, Hibernate, Spring, Servlet, GIT, JSP, Spring MVC, JDBC, Mockito, JUnit, Maven, Restful, Docker, Log4J, Postman, MongoDB, AWS, Java8, Mockito, JIRA, Jenkins, and IntelliJ.

**Client: Group M, New York Nov 2020 – July 2022**

**Role: Senior Java Full Stack Developer**

**Responsibilities:**

* Involved in analysis, specification, design, and implementation and testing phases of Software Development Life Cycle (**SDLC**) and used **agile** methodology (**SCRUM**) for developing application.
* Designed, developed a custom, single-page, responsive web application on front end using **Angular 9**
* Built **JavaScript** based test framework using **cucumber js, web driver io, node js, angular 9.**
* Used **Spring Framework AOP** Module to implement logging in the application to know the application status.
* Implemented the application using **Spring IOC, Spring MVC Framework, Spring Batch, Spring Boot** and handled the security using **Spring Security**
* Responsible to design and developed web pages using **HTML5, CSS3, JavaScript, and jQuery, Angular 8/9** and **Bootstrap.**
* Developed a Single Page Application using **Angular 8/9, Typescript, RXJS.**
* Design, develop and test **HTML, CSS, jQuery** and that meets accessibility of web browser Implemented **MEAN** stack architecture using next generation technologies **Angular, Express, Node js** and **Mongo DB.**
* Implemented various screens for the front end using **Angular 9** and used various predefined components from a client library and npm (Node Package Manager).
* Involves in the design and development of **RESTful Web Services** using **Apache** **CXF**.
* Worked on **MongoDB** database concepts such as locking, transactions, indexes, Sharding, replication, schema design, etc.
* Designed and developed the End Points (Controllers), **Business Layer**, **DAO Layer** using **Hibernate/JDBC** template, using **Spring IOC (Dependency Injection)**.
* Explored **Node Js, Angular 8** and Ember Js to improve operational efficiency.
* Participated in troubleshooting issues on **AWS**, **Netflix Eureka** and Cloud environments.
* Workedwith **Docker** to deploy **Microservices** in modern containers to increase Isolation.
* Worked with **Spring Ribbon and Kafka** broker service to handle heavy traffic.
* Involved in developing Hive DDLs to create, alter and drop Hive tables and storm, & **Kafka**.
* Used **Apache Camel** for routing the exchanges between different systems.
* Implemented **RESTful** web services using **Jersey** for JAX-RS implementation.
* Designed and developed **Microservices** business components using **Spring Boot**.
* Worked with **AWS** **cloud** service in creating **EC2** instances and providing them roles and sometimes participated in writing custom policies and deployed applications on **Elastic Bean Stalk** and **EC2.**
* 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.
* Worked on **Log4J** to validate functionalities and **Mockito** framework **JUnit** for unit testing
* Automate build process through **Maven** build framework
* Used **Java-J2EE** patterns like Model View Controller (**MVC**), **Business Delegate, Data Transfer Objects, Data Access Objects, factory patterns.**
* Used **Hibernate**, object relational mapping **(ORM)** solution, technique of mapping data representation from **MVC** model to Oracle Relational data model with an **SQL**-based schema.
* Used Apache POI for uploading Excel files and optimized the load time by extensively leveraging Java **lambda expressions**, **Streams** and **parallel Streams**.
* Developed multiple **Angular 9** components which are compatible with latest versions of **typescript**, **angular CLI.**
* Setup the continuous Integration (CI) process for the application using the **Jenkins.**
* Used **GIT** to maintain the version of the files and took the responsibility to do the code merges from branch to trunk and creating new branch when new feature implementation starts.

**Environment:** Java, J2EE, HTML5, CSS3, JavaScript, Typescript, Bootstrap, Agile (SCRUM), Angular 8/9, Node JS, AJAX, Hibernate, Spring, Spring Batch, Spring Boot, Spring Security, Servlet, XML, GIT, JSP, Spring MVC, JDBC, JUnit, Maven, IBM WebSphere, Restful, Apache POI, Docker, Log4J, Postman, MongoDB, AWS, Microservices**,** Mockito, Apache Camel, Apache Kafka, JIRA, Kubernetes, Jenkins and STS.

**Client: Edward Jones, St Louis, MO Jul 2019 – Oct 2020**

**Role: Java Full Stack Developer**

**Responsibilities:**

* Involved in Full stack development based on **J2EE** using **Hibernate** and **Spring Framework.**
* Designed and developed the **REST** based **Micro services** using the **Spring Boot.**
* Implemented navigation using **Spring MVC controllers**, configured controllers using Spring MVC annotations and configuration files.
* Designed GUI and front-end web pages using **JSP** and Bootstrap and developed **JavaScript** solution for user input data validation.
* Implemented Web based pages and site design using **HTM**L, XHTML**, DHTML**, **CSS,** Themes, Master Pages, Site Map, XML, TSF, XSLT, JavaScript, jQuery and **Ajax**.
* Developed   **Spring Batch** application for **batch**  processing using Spring4.0 and improved the performance of the backend   **batch**  processes using Multithreading and concurrent package API.
* Jersey implementation of JAX-RS is utilized to develop **RESTful** Web services.
* Created tables, triggers, stored procedures**, SQL** queries, joins, integrity constraints and views for multiple databases**, Oracl**e using Toad tool.
* Responsible for implementing the business requirements using **Spring Boot**, Spring Data and Spring Security**.**
* Expert in **HTML5/CSS3** development and have experience **React.js**, Responsive design.
* Worked in using **React JS components, Forms, Events, Keys, Router, Animations and Flux concept**.
* Implemented **React JS** code to handle cross browser compatibility issues in Chrome, IE 7, 8, 9, Safari.
* Developed user interface by using the **React JS.**
* Setup and built **AWS infrastructure** various resources, **VPC, EC2, S3, Dynamo DB** and **RDS** in Cloud Formation **JSON templates.**
* Implemented **Micro Services** based Cloud Architecture on **Amazon Web Services (AWS)** Platform and Cloud Foundry.
* Worked on container based deployments using **Docker**, working with **Docker images, Docker Hub** and **Docker-registries** and **Kubernetes**.
* Configured and build Asynchronous communication with **JMS** services with **MQ services.**
* Triggered the automation jobs using Jenkins to get the cucumber **JSON** reports.
* Involved in writing test scripts using java and executed it through **selenium** **cucumber**.
* Worked with java libraries to access **AWS** facilities as Simple Storage service, Simple queue and Simple DB.
* Used **React Js** for creating interactive UI’s using one-way data flow, virtual DOM, **JSX**, React Native concepts and maintained states in the stores and dispatched the actions using Redux.
* Used Amazon Cloud Watch to monitor **AWS** services and Amazon Cloud Watch logs to monitor application.
* Responsible for **React** **UI** and architecture. Including **Tree**, Building components **library**, **Table** **Grid** and Slide-View.
* Involved in developing the Graphical User Interface **using HTML, JavaScript, CSS and JSP**.
* Involved in the development of the User Interfaces using **HTML,** **JSP**, JS, Dojo Tool Kit**, CSS** and AJAX.
* Involved in creating various Data Access Objects (DAO) for addition, modification and deletion of records using various specification files.
* Created web services and desktop applications to access and display data needed by support teams using **Ajax, JavaScript, React JS, Node.JS, CSS and HTML**.
* Developed **RESTful web services** using **JAX-RS**, Apache CXF and spring frameworks and persistence using **Hibernate** and **JPA ORM** frameworks.
* Created **React JS** directives, factories, and services for developing single page web applications.
* Designed and developed a JDBC driver that intercepts a create view DDL parses it, converts it to a relational model, and stores in the database.
* Worked on using **WebSphere** server built in JMS provider for communicating with legacy applications.
* Involved in fetching **JSON** data with in Orchestration Layer with Spring Boot application and displaying it in the UI using **React JS** and followed **ECMAScript** standards for developing.
* Involved in creating the comparison document for selecting the API Gateway.
* Focused on Test Driven Development; thereby creating detailed JUnit tests for every single piece of functionality before writing the functionality.
* Worked on relational database design and writing **SQL** queries, stored procedures, views, and functions with **Oracle**.
* Developed, debugged, integrated and deployed applications using **Eclipse (IDE)** and used **GIT** as a Version Control**.**

**Environment:** HTML, CSS, React Js, Hibernate, Node JS, Micro Services, AWS, EC2, S3 Lambda, Auto Scaling, Cloud Watch, SQL, JSP, AJAX, Spring boot, Json, JPA, HTML, CSS, Java Script, Jquery, Spring Boot, Docker, Kubernetes, Jenkins, Apache Kafka, Oracle, Eclipse, Git

**Client: Embytes Solutions, India Feb 2016 – Jan 2019**

**Role: Java/J2EE Developer**

**Responsibilities:**

* Used the light weight container of the **Spring framework** to provide the architectural flexibility for **inversions of control (IOC).**
* Worked on developing application with **micro services** using **Spring Boot** and Netflix stack.
* Excellent in front-end UI design implementations by writing **HTML5/HTML, CSS3/CSS, Bootstrap, JavaScript** to make better **Single Page Application SPA** working on **Angular 2/4/6**
* Designed and developed **Spring** and **REST** based **Micro Services** using the **Spring Boot**, also developed **RESTful web services** with JAX-RS using **Spring Boot** and **Micro Services** Architecture.
* Used **ANT, MAVEN AND GRADLE** scripts for building and deploying the application in Web/App servers.
* Migrating the application from **Web Sphere** to **Jboss**.
* Developed **hibernate** persistence layer modules using EJB JAVA PERSISTENCE API (JPA) annotations and entity manager.
* Developed Application to asses **JSON** and **XML** from **Restful web service** from consumer side using **Angular 4**
* Development of front-end application using **Angular**, Dependency injection and Http modules with **Node JS** server for future evolutions.
* Database designed and created tables, constraints, normalization, **PL/SQL** packages, functions and **Stored Procedures**.
* Implemented **User Interface guidelines** and standards throughout the development and maintenance of the website using **HTML, CSS, JavaScript** and **jQuery**.
* Developed and tested many features for the dashboard created using **bootstrap, CSS and Java Script.**
* Developed **Wrapper in JAVA** for instantiation of **multi-threaded** applications.
* Used **Gradle** asbuild tool automating the building, testing, and deployment loading all the dependencies from respository**.**
* Worked on **Angular 6** and **Node JS** to enhance front end functionalities as per business requirements
* Performed Migration test and use cases for applications to **AWS cloud** with public and private IP ranges to accelerate development productivity by decreasing test-run times.
* Used **hibernate** in data access layer to access data and update information in the database.
* Developed complex web-based UI using **Struts, Ajax and JavaScript.**
* Worked on implementing **Ajax/jQuery methods** in retrieving the data from JSON files and loading the data on the **HTML elements.**
* Strong programming skills in designing and implementation of multi-tier applications using web-based technologies like **Spring MVC**and**Spring Boot**.
* Used various **Angular UI Bootstrap** components such as calendars, masks, uploaders, sliders, alerts, modal dialogs etc. for developing the UI.
* Implemented Database connectivity using **JDBC with Oracle Database.**
* Prepared **JAVA/J2EE** development for **MAVEN.**
* Setting up and configuring **AWS's EMR Clusters** and used **Amazon IAM** to grant fine-grained access to **AWS**resources to users.
* Implemented validation using **JavaScript**.
* Developed and implemented the web services using **Spring framework.**
* Developed and configured **JAVA beans** using **Spring MVC and Hibernate.**
* Used **JavaScript** to update the content in the database, manipulate files and generate the **JAVA** and **Spring MVC** forms to record data of the online users.
* Used **JAVA** and **Spring MVC** creating graphics, XML processing, data exchange and business logic implementation.

**Environment:**  Core Java, J2EE, Hibernate, Struts, Spring, Servlets, Multithreading, Angular 2/4/6, Node JS, Web Services, JavaScript, CSS, jQuery, EJB, JSON, HTML5, Micro Services, AWS, Eclipse IDE, Oracle, PL/SQL, XML, Windows.

**Client: TechJini, India Sept 2013 – Jan 2016**

**Role: Java Developer**

**Responsibilities:**

* Involved in complete SDLC management – Requirements gathering, Design, Analysis, Development and Testing
* Developed UML diagrams to develop use cases for University’s Financial Services web application.
* Implementing the Struts 1.3 framework for Model View Controller (MVC) pattern.
* Used Struts framework along with JSP, Servlets, HTML, CSS, JQueryand JavaScript to construct dynamic web pages.
* Performed validation for client side as well as server side with the help of Struts Validation Frame Work.
* Involved in the implementation of Stateless session beans(EJB) for business logic layer and Entity beans for persistence.
* Supported existing applications developed using Spring MVC, AOP framework.
* Used JPA mapping techniques such as One to One, Many to One and Many to Many mappings to represent relation between various entities in the project.
* Configured and used JBoss application server for creating Datasource and enabling JNDI for beans and database lookups
* Deployed components on JBoss and Web Sphere application server.
* Worked Oracle database to create databases of student and faculty login information and their desired areas of study.
* Worked on Eclipse as IDE tools to build up applications.
* Developed codes for ActionServlet, RequestProcessorand Action classes by extending Struts package.
* Used EJB 3.0 Message Drive Beans to initiate daily process.
* Executed quality and assurance testing in developed application, reduced performance errors on average by 95%.
* Resolved Blackboard problem tickets and made 100% follow ups maximizing the customer satisfaction.
* Installed SSL certificates on the developed application.
* Provided weekly status reports to the manager with the latest information of all ongoing activities.
* Followed the Java coding standards for scalability, reusability and ease of maintenance.
* Created XML Schema, XML template and XSL. Developed Web Services Application using SOAP and WS-Security.

**Environment**: Java 1.5, TDD, Struts 1.3, EJB 3.0, Jquery, JSP, HTML, CSS, Servlets, SOAP, WS-Security, JMS, MQ, Eclipse, SVN, Ajax,JNDI, Jobs, Selenium Web Driver, Junit.