‍‍**Nikhil**

**Sr. Java/AWS Developer**

**| (940)-448-0458 | Nikhil19java@gmail.com**

**EXPERIENCE SUMMARY:**

* Overall **8+ years** of experience in requirements gathering, deployment of Web Applications and client server multi-tier applications using **J2SE, JEE** and **J2EE** technologies.
* Extensive expertise with **Java, J2fEE, JSP, JDBC, Servlets, Java Beans, EJBs** (Session beans, Entity Beans and JMS), **JBoss, jQuery, Ajax, XML, DTD, XSD, JAXP, JAXB, Web Services**, Struts, Spring, **Microservices** and Hibernate.
* Good knowledge and experience in developing web interfaces using client-side technologies like **AngularJS, XML, HTML, DHTML** and **SASS.**
* Design the whole **API** using **RESTful API Modeling Language (RAML).**
* Created **REST Microservice APIs** using **Spring Boot** Application.
* Performance Targeted Implementer with substantial familiarity in **Service Oriented Architecture** (SOA) using **Apache Axis** Web Service Framework using the Web Services protocols like **SOAP, REST, JAX-RPC, JAXB, WSDL and UDDI.**
* Used **Maven** and **Jenkins** as build tool and deploying the application using **Kafka**.
* Expertise in development applications using Type safe technologies like **Scala, Akka model, Play framework**.
* Developed views and templates with Python and Django's view controller and templating language to create a user-friendly website interface.
* Wrote Python scripts to parse XML documents and load the data in database.
* Good experience on **Test Driven Development (TDD)**.
* Involved in **Risk Management Cloud Computing/PaaS/SaaS/IaaS** Infrastructure Architecture Disaster Recovery.
* Use **Git, Jira, Bitbucket** to create and maintain development tasks.
* Good Knowledge in various Frameworks like **TestNG** using selenium.
* Expertise in Web Service, Java and Database integration, Integration Services and General System Services with **BPM.**
* Experienced with **IDE** and editors such as **WebStorm, Sublime, Visual Studio, Xcode** and **Eclipse**.
* Hands on experience in using **React.js** with **ES6** new features to develop reusable components and using **Redux** to manage the state of whole application.
* Fluent with the core Java concepts like **Multi-Threading, Exceptions, Reg Ex, Data Structures** and Serialization, including **Java 8** API like functional programing.
* Implemented **Rabbit MQ** Services for reliable and asynchronous exchange of information.
* Experience in Script Languages like **Shell** and **Ant.**
* Back end development to create a fast and seamless information architecture using **Node, Express, Koa.js, Mongo.**
* Integration of **microservice** architectures with patterns and frameworks that provide resiliency (**Netflix Hystrix**, cloud Circuit Breaker Pattern, self-healing distributed systems).
* Expertise in developing **SQL Queries, Stored Procedures** and **Triggers** in databases viz. **Oracle, SQL Server2000, My SQL**, and **DB2** and excellent development experience using Agile Methodology.
* Focused on architecting **NoSQL** databases like **Mongo, Cassandra** and Cache database.
* Experience in Data Modeling and working with **Cassandra Query Language (CQL).**
* Expert in Cloud development and deployment in **Pivotal Cloud Foundry** (PCF) using DevOps model/**SpringBoot**
* Solid experience on API development using **node JS, express JS**. Also worked on **Swagger.**
* Extensive knowledge of server platforms such as **Windows**, **Red Hat**, and **VMware**.
* Experience in **Apache Spark** & **Scala Functional programming.**
* Experience in **Amazon Web Services** (Amazon EC2, Amazon S3, Amazon Simple DB, Amazon RDS, Amazon Elastic Load Balancing, Amazon SQS, AWS Identity and access).
* Hands on experience in developing web application using JavaScript, **JQuery, Angular JS, VB, AJAX toolkit, Kendo UI.**
* Experience in integrating the infrastructure automation using **Ansible**. Creating and configuring **Jenkins** jobs, build and delivery pipelines.
* Confidence in working with other **iOS** and **Android** developers to complete detailed projects.
* Performed Unit Testing using Junit Testing Framework and **Log4J** to monitor the error logs.
* Developed unit and integration tests for existing **microservices** using **JUnit, Mockito** and **Docker.**
* Strong Experience on **UNIX, Linux** platforms, developed shell scripts and configured **CRON** jobs.
* Hands on experience of Build & Deployment phases and usage of **Continuous Integration (CI/CD)** tools.
* Hands on experience on Web/Application sever like **Tomcat, WebSphere, WebLogic, Glassfish** and JBoss.
* End to end development support of the application till the final rollout of the application.
* Demonstrated excellent presentation and communication skills while conducting functional and technical training sessions.

**TECHNICAL SKILLS:**

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| **Programming languages and Scripts** | Java, J2EE, Java Script, HTML, Angular JS, DHTML, CSS, JQuery, JSTL, Perl, XML, PL/SQL, Reactive.js |
| **Database** | Oracle 8i/9i/11g, DB2, SQL Server, MS Access, MySQL, JDBC. |
| **Cloud Technologies** | AWS, Google Cloud |
| **IDE Tools** | Eclipse, J Developer, J Builder ,RAD, WSAD and Net Beans |
| **J2EE Common Services APIs** | Java Servlet, SWING, JSP, EJB2.0/3.0, JDBC, JPA, Hibernate, Axis, web services, JMS, JNDI, JAXP, JTA, JNDI, JFS 1.1, JAXB, AJAX, JSON |
| **Application Servers** | BEA Web Logic, IBM Web sphere 4.0 and 5.X, JBOSS |
| **Web Servers** | I planet Enterprise 6, Apache Tomcat 4.1.18 |
| **Frameworks / APIs / Tools** | Springs, Struts 1.1/1.2/Tiles, JSF, Log4j, Ant, WEB-SERVICES (SOAP, WSDL, UDDI, Axis2, CXF) |
| **XML** | XSL, DOM, XML Schema, SAX, XSLT and Designing DTDs. |
| **Modeling Tools / Languages** | UML on Rational Rose 4.0. |
| **Web Services** | SOAP, REST, WSDL, UDDI |
| **Version and Source Control** | CVS, Win CVS, Clear Case, SVN, Git |
| **ORM** | Hibernate 3.1, JPA, Top Link |
| **Operating Systems** | Windows 95/98/NT/XP/Vista/7, UNIX, LINUX, Solaris |

Experience:

**TD Ameritrade, Columbia - MD March 2016 - Present**

**Sr.** **Java/AWS Developer**

**Project Description:** Migrating Old .Net project to Java Project related to the financial system. I develop a Standalone application using Batch process to run continuously. Through this application bulk of data can submit to the main system in a fraction of time.

**Responsibilities:**

* Used **Spring-IOC** concepts and **Spring MVC** pattern for developing the application.
* Implemented **MVC** architecture application using **Spring** and created **Lambda** function in AWS using **Spring** Framework.
* Hands on experience on **Git-Stash, Jira** for continuous integration and continuous delivery.
* Experience working with **AWS** for Storage & content delivery and Application deployment services.
* Worked closely with the team to achieve continuous integration and continuous delivery.
* Selecting the appropriate **AWS service** based on compute, data, or security requirements.
* Experience in Integration of **Amazon Web Services** with other applications infrastructure.
* Migrated applications from **Java 1.7** to **Java 1.8** using **Lambdas** and parallel streams.
* Utilize **EBS** to store persistent data and mitigate failure by using snapshots.
* Experience in using **Jenkins** for Continuous Integration and **Sonar jobs** for java code quality.
* Experience in writing **ANT, Maven** build scripts, providing logging facility using **Log4j** and Writing JUnit testcases.
* Good experience in **SCRUM** process of Agile (Iterative) development methodology.
* Having good Knowledge in **NOSQL** data base like **DynamoDB**.
* Used **AWS SDK** to connect with **Amazon SQS** for bulk email processing.
* Implemented **AWS IAM** for managing the credentials of applications that runs on **EC2** instances.
* Used **Swagger** for Rest Web services testing.
* Developed **React Native** version of project framework for event pages and encapsulated **component-based** public modules.
* Joint work on screen layout and design of the **native** application.
* Implemented **AWS** solutions using **E2C, S3, RDS, EBS, Elastic Load Balancer, Auto-scaling** groups.
* Experienced in automating various web applications and web services using **SOAPUI** and **Cucumber** implementing with **JUNIT** and **TestNG**.
* Worked on Reactive.js for developing web applications.
* Create a batch job in **Scala / Akka**, to produce meaningful results and reports for monitoring.
* Developed complex, useable, attractive, and cross-browser web interfaces that account for speed, file size, readability, and accessibility. Extensively used **ECMAScript** **6.0** for large applications and library creation.
* Expertise in Java and web applications using **Node JS, Webstorm,** and **Spring** **Tool Suite.**
* Built out a new product line in **ECMAScript** using **React, Redux and Rails.**
* Worked on building data center with **AWS** and Installed **SVN, GIT, Jenkins** images on AWS.
* Designed, built, and deployed a multitude application utilizing almost all of the AWS stack.
* Extensively used **Java server Faces (JSF)** Navigation rules and **JSF** tags for enhanced user Interface.
* Involved in **Automation** of Web Application using **Selenium**.
* Developed Interactive web pages using **Angular.JS, React.JS, HTML5, CSS3, Kendo UI** and JavaScript.
* Built a modular **Koa.js/Node.js** server that responded to searched requests and view additions at scale.
* Built inter process communication system using **RabbitMQ**.
* Used **Apache tomcat** and **WebLogic** as an application server to deploy various components of application.
* Used scripting language such as **HTML, JavaScript,** **JQuery** to assist maintaining website.
* Implemented **Hibernate/JPA** for data persistence.
* Automate the cloud deployments using **chef, python** and **AWS Cloud** Formation Templates.
* Administered and deployed applications into **WebSphere Application Server.**
* Installing, deploying, monitoring, maintain and configure **WebLogic server 12c** in local machine.
* Developed multiple **GWT (Google Web Toolkit)** Web application (from client to server).
* Developed core internal ops and client facing web apps, front (**angular**) and back end (**node,** **KOA**), microservices and modules, internal npm/nexus.
* Worked with **Play framework** and **Akka** parallel processing.
* Involved in developing UI prototype using **React.js** and create reusable components.
* Experience with developing **REST** services and mocking data using **Node.js** and **KOA**.
* Used Apache Camel in the **JBoss Fuse ESB** as the integration platform for **SOA** Services.
* Helping the mobile team to debug the issue on both the **IOS** and android applications.
* Hands on experience in Multithreaded programming using **Akka** actors.
* Strong experience with **SOAP** and **REST** webservice consuming (**JAX-RS, JAX-WS, CXF, Axis, JAXB**).
* Worked on building the user interface by using **Java Server Faces (JSF).**
* Tested the Web services using **SOAPUI** and by writing Web service client in Java for transmitting the offender's information in **XML** data using the WSDL provided

**Environment:** Java 8, J2EE, Spring MVC, Spring Boot, Spring Integration, Spring Security, Hibernate, Microservices, REST, SOAP, Web-Services, JSON, JUNIT, Python, Mockito, AWS (EC2, Lambda, ELB, S3, RDS, Cloud watch and Route 53, Cognito), Eclipse, Tomcat, Oracle 11g, Oracle SQL developer, Log4J.

**Costco Wholesale Corporation, Seattle – WA June 2014 – March 2016**

**Sr. Java Developer**

**Responsibilities:**

* Involved in requirements gathering, analysis, design, development, testing and maintenance phases of R&D redesign.
* Involved in the design of the applications using **J2EE Model/View/Controller (MVC)** design pattern.
* Used Concourse and **Jenkins** for **Microservices** deployment.
* Used AWS to deploy the project on **EC2 instance.** Implementation of the Business logic layer for **Mongo DB Services.**
* Created profiles, manifests for VMware servers, and pushing them to **AWS instances** using puppet.
* Implemented and maintained the monitoring and alerting of production and corporate servers/storage using **AWS Cloud watch.**
* Contributed to the DevOps to automate the build and deployment process using Jenkins, shell scripting, **chef, Python, AWS Lambda,** Cloud Formation Template, Terraform. Also worked with **Pivotal Cloud Foundry** PCF and **Arcade CodeCloud**.
* Implemented stored procedures using **Spring JDBC** template.
* Used **Swagger 2** for designing and describing **APIs** and for keeping the **API** design and documentation in sync.
* Built queries to fetch complex data from **Elasticsearch** using Sense.
* Implemented **REST Microservices** using **Spring boot**. Generated Metrics with method level granularity and Persistence using **Spring AOP** and **Spring Actuator.**
* Involved in various phases of **Software Development Life Cycle (SDLC)** as requirement gathering, modeling, analysis, architecture design and development.
* Develop features for processing and management of data using **Scala.**
* Used **Spring Framework** for the Implementation of the Application.
* Developed the application using **GWT** which is compatible with different models of iPad and different browsers.
* Worked with version control software like **Bitbucket** and Source tree for creating branches and to push, pull, stash the code from remote repository.
* Apply **React.js** to build reusable component for quickly rendering webpages, and make them more efficient to responsive to user request.
* Used **JPA/Hibernate** to write **DAO** classes to interact with the database.
* Used advanced core java 8 features like annotations, generics, enhanced for loop etc. throughout the application.
* Developed **Spark** scripts by using **Scala** shell commands as per the requirement.
* Implemented Service Oriented Architecture by developing Java web services using **WSDL, UDDI** and **SOAP**.
* Involved in Designing User Interface and Business Process Diagrams (BPD's) in **BPM.**
* Involved in fixing defects in application- worked in **JSF managed beans**, converters, validator and configuration files.
* Used **swagger** UI for testing rest web services.
* Mapped business objects to database using **Hibernate,** Used JPA annotations to **Map DB** to Objects.
* Automation (**Ansible**) and Deploying on traditional **VMware, Aws, Azure** environment.
* Developed **Restful API's** using **APIGEE** platform.
* Creating end to end **Spark-Solr** applications using **Scala** to perform various data cleansing, validation, transformation, and summarization activities according to the requirement.
* Worked on building proxies and policies with in **APIGEE** along with security frameworks.
* Designed exception handling and a logging framework as part of the remediation strategy.
* Involved in application migration from older server environments to newer server environments providing high availability and accessibility.
* Created data access modules in **python**.
* Configured and scheduled jobs for multiple projects on **Jenkins.**
* Experience in writing the **SQL, PL/SQL** stored procedures to meet the business requirements and the transformations.
* Monitors server performance on **Red Hat** **Linux** 5 & 6 servers.
* Designed and Developed scripts for uploading data from flat files and **XML** files into database, performing business validations on the data using **PL/SQL Procedures.**
* Developing Test Cases and performed Unit testing using Junit for the Action classes.
* Utilized **Docker** to implement testing/production environment for use with existing architecture.
* Development of real-time multi-tasking systems using **Python**.
* Used **Log4J** logging framework to write Log messages with various levels for logging across the application.
* Performed API Gateway and Identity Service installation – **WSO2 (MySQL, Java, Cassandra, Subversion, HAProxy).**
* Used **Jenkins** and pipelines to drive all microservices builds out to the **Docker** registry and then deployed to **Kubernetes**, Created Pods and managed using **Kubernetes**.
* Logging the alert strings in to the logs whenever required which helps in triggering the **OVO Alerts**.
* Working on **Oracle database systems** to create pilot users for some of the applications.
* Isolated problems by using CA Wily **Introscope, Dynatrace** as application performance management tool.
* Used **Apache JMeter** as a load-testing tool for analyzing and measuring the performance of a variety of services.
* Maintained version control of the Java files with **SVN** and **GIT.**

**Environment:** Java 8, J2EE, Spring MVC, Hibernate, Microservices, REST, SOAP, JSP, Node Js, AngularJS, HTML 5, CSS, Servlets, XML, XSD, XSLT, Python, Web-Services, JSON, Bootstrap, SOAP UI, JUNIT, HTML, CSS, JavaScript, Node.js, AWS, IntelliJ IDEA, Tomcat, Oracle 11g, Oracle SQL developer, Jenkins, Log4J, UNIX.

Baylor Medical, Dallas, TX Feb 2013 – June 2014

**Role: Java Developer**

Baylor is a healthcare management system. It assists in managing the patient information for the hospitals. It supports different type of users and shows appropriate information according to the type of the user. Baylor user module team is responsible for logging, validation and session information. It provides access to patients for viewing their information and making appointment with the doctors. And doctors use it to keep track of all the patient information. Development of the project was done in agile environment.

**Responsibilities:**

* Analyzing the requirement document and preparing queries for clarification from client.
* Involved in **High Level Design Document (HLD)** preparation.
* Involved in business requirement gathering and technical specifications.
* Involved in the **analysis**, **design**, and **development** and **testing phases** of Software Development Lifecycle (SDLC) using **Agile and waterfall** methodology.
* Involved in Presentation Development using **Struts Framework**.
* Implemented **J2EE** standards, **MVC** architecture using **Struts Framework**.
* Implemented **Servlets, JSP** and **Ajax** to design the user interface.
* Responsible for developing the UI pages using **HTML5, CSS3, JavaScript, JSON**, and **AngularJS, AJAX and React JS.**
* Implemented and configured various Action classes for handling the client requests using **Struts** framework.
* Installation, configuration, and maintenance of **Red Hat Linux** servers.
* Developed **Node.js** applications using **ECMAScript 6** (ES6) to integrate with various applicant tracking systems.
* Developed and implemented OAuth security for our applications in **Pivotal Cloud Foundry** **(PCF)**.
* Developed tools using **Python, Shell scripting, XML** to automate some of the menial tasks.
* Used **EJBs** (Stateless Session beans) to implement the business logic, **MDBs** (JMS) for asynchronous communication internal and external to the system.
* Produced **actuate** reports to verify billings and monitor work progress.
* Wrote **Web Services** using **SOAP** for sending and getting data from the external interface.
* Automation of **Web Services Testing using SOAP UI 5.0.0**

Involved in implementing the **JMS** (Java messaging service) for asynchronous communication.

* Involved in using JMS **Queues** and JMS **Topics** for one-to-one and one-to-may communication in the application.
* Backend application layer is implemented using **EJB** (Enterprise Java Bean) in **WebLogic** Application Server environment.
* Deployment of application in **Tomcat** server.
* Hands on experience in resolving issues in the production server.
* Created Stored procedures using **PL-SQL** for data modification (Using DML insert, update, delete) in Oracle
* Used **Python** based **GUI** components for the front-end functionality such as selection criteria.
* Experience in **Core Java** on multithreading, collections and design patterns.
* Interaction with Oracle database is implemented using **Hibernate**.
* Involved in consuming web services using **JAXWS** development.
* Involved in improving the existing design by minimizing dependencies between the layers with the help of design patterns
* Involved in procedures and functions modifications.
* Configuration of manager role using **Jenkins tool**.
* Involved in **DB Design** and Application design for Play Back Mock.

**Environment**: J2EE, EJB, Web Services, XML, XSD, RUP, Angular JS, Microsoft Visio, Clear Case, Source Integrity, Oracle 10g, WebLogic 10.3, JMS, SOA, LDAP, RAD, LOG4j, Servlets, JSP, Unix, Struts, Hibernate

**Myntra, Bangalore - India Oct 2010 – Jan 2013**

**Java/J2EE Developer**

**Project** **Description**: Developed an internal inventory management system that can search for availability of a product in inventory, create a new product and procure it, maintain vendor list. The system implemented security features with proper authentication of roles having different privileges. Members can request additional privileges.

**Responsibilities:**

* Created Class diagrams and Use Case diagrams from design spec using Rational Rose. Implementation of **J2EE** Design Patterns like Singleton, Session Facade, Business Delegate, and Data Access Objects.
* Actively involved in design of the application architecture in lines of their own Framework based on MVC2 Architecture with JSP Front End (HTTP Request/Response Integration) as View, Servlet as Controller and combination of EJBs and**Java** classes as Model.
* Designed and developed presentation layer using JSP which acts as View in a distributed MVC architecture, which involves model components and controller components.
* Used Entity Beans to manage the transactions with the database to deliver the content to the presentation layer and to store the data into the data layer.
* Used Message Driven Beans for asynchronous messaging. Used Java Message Service API to create, send, receive, and read messages between application components.
* Wrote complex **SQL** queries and programmed stored procedures, packages and triggers.
* Involved in configuration of **Spring MVC** and Integration with Hibernate.
* Used **Spring** MVC framework for design and development of web application
* Used **Hibernate** for Object Relational Mapping and Persistence.
* Designed and developed business tier using EJBs. Used Session Beans to encapsulate the Business Logic.
* Developed XML and XSLT pages to store and present data to the user using parsers.
* Involved in configuration and deployment of application on WebLogic Application Server. Used CVS as Version Control System performed Module and Unit Level Testing with **JUnit** and log4j.
* Used Apache Ant for building the application. Gained a good knowledge about browser compatibility issues and their solutions.

**Environment:**

Java 1.4/1.5, J2SE, J2EE, JSP 2.0, Servlets, Struts 1.1, JDBC, XML, JavaScript, HTML, XSLT, Jasper Reports, Firebug, Lotus Notes 8.5, Putty, Toad for Oracle 10g, CA SCM Harvest, WebSphere Application Server 6.0, RAD 7.0, JAXP, Toad Data Modeler 3.4, ANT

**Syntel, India Aug 2009 - Oct 2010**

**Java/J2EE Developer**

**Project** **Description**: The project involved developing a web based banking application. The functionality of the project is automating the security management and to provides all banking functionality. It includes four modules maintenance, Deal, Corporate Action and Invoice. User interface is html/JSP.

**Roles and Responsibilities:**

* Involved in designing and developing presentation layer using Struts view tags **(HTML, Bean, Logic and Nested), JSP, HTML and CSS.**
* Developed the **Struts** Action classes and Action Form classes and configured them in Struts configuration files as part of the controller component
* Extensively used WebSphere Studio Application Developer for building, testing and deploying applications
* To keep track of latest Versions implemented **CVS** Structure
* Worked on **Eclipse & RAD 6.0** environment
* Wrote **SQL** queries for **JDBC** connection to Oracle database
* Used embedded classes and maps to model ternary relationship in **JPA**.
* Created class diagrams and sequence diagrams using rational rose
* Clear Case is used for version control.
* Implemented various Custom Tags and **JSTL** tags.
* Setting Data sources, **JNDI** Names and worked with cells, nodes and servers during **WAS** 6.1 environment in deployment team
* Adopted **J2EE** best Practice, using **J2EE** Design patterns. Business Object and Data Transfer object for portability and performance.
* Utilized Design patterns **MVC, VO, DAO, Factory, Singleton**
* Used **SVN** for source control repository
* Developed Unit Test Cases with **JUnit**.
* Involved in Module Testing and Integration Testing.
* Used IBM **RAD** IDE for application development.
* Performed Defect Tracking on a regular basis to make sure every defect has traceability back to the source by using tools such as **Clear Quest.**

**Environment**: HTML, CSS, Java script, Struts 1.0, JSP, JSTL, Java Beans, JPA, DTO, Core JDK 1.4/1.5, XML, Windows XP/2000, Websphere6.1, RAD 6.0, Oracle 9i/10g.