**Nikhilesh V**

Java Full Stack Developer

Phone +1 (571) 492-4301

Email: [nikhilesh9669@gmail.com](mailto:nikhilesh9669@gmail.com)

PROFESSIONAL SUMMARY

* **Around 9 years** of experience in **Design, Development, Analysis, Testing, Debugging, Integration** and maintaining web and distributed multi-tier applications using **Java/J2EE** technologies.
* Experience in developing web-based applications using Java, JEE/J2EE, **Hibernate, Spring, Web Services like SOAP, RESTful services, MVC frameworks like Struts, Spring MVC, and database** like **Oracle, MySQL, DB2**.
* Proficient in Core Java and implementing concepts like **Multithreading, Concurrency, Exception Handling, File handling, IO, Generics and Java collections** in various projects.
* Experience in built web services using Spring modules like **Spring MVC, Spring Boot, Spring IOC, Spring DAO, Spring AOP** and **Spring Batch** with both REST and SOAP interfaces.
* Experience with the application servers like **JBoss, WebSphere, WebLogic, and Tomcat**.
* Proficient in developing Web Services, related technologies & frameworks **WSDL, SOAP, REST, AXIS and Jersey, SoapUI** and generating client using Eclipse for Web Services consumption.
* Expertise in developing web pages using **HTML, CSS, JavaScript, jQuery, Ajax, AngularJS, Bootstrap, ReactJS** with webpage cross browser compatibility and responsive web design and Server scripting language like Node JS.
* Used Java 11 to create develop dynamic web pages using JSP technologies and create RESTful web services to expose the APIs to other applications.
* Experience in Server infrastructure development on **AWS Cloud, extensive usage of, AMI’s, EC2, Lambda, RDS, S3, Route53, SNS, SQS, API Gateway, ELB, Auto Scaling, DynamoDB, Elasticsearch, Virtual Private Cloud (VPC), CloudWatch, ECS**.
* Experience in deploying applications using with Pivotal Cloud Foundry (PCF) CLI and managed CF containers in AWS EC2 instances.
* Managed Amazon Web Services like **EC2, S3 bucket, ELB, Auto-Scaling, AMI, IAM through AWS Console** and API Integration.
* Experienced with Middleware Technology Messaging Brokers like **JMS, Active MQ** and **Mule ESB** (Enterprise Service Bus) in **SOA** (Service Oriented Architecture).
* Hands-on experience to setup, configure continuous build processes using Hudson, Puppet, Ansible, Jenkins, Maven, Ant, and Gradle.
* Knowledge on **NoSQL** databases like Cassandra and Neo4j and Apache Spark for cluster management with **Apache Kafka** as messaging system.
* Working experience of **Relational DBMS like MySQL, Oracle SQL PL/SQL, SQL Server (MS SQL), DB2, PostgreSQL and NoSQL DBMS like MongoDB**.
* Hands on experience in working with **Junit, Mockito, Selenium, Tellurium, Groovy Spock** and TestNG.
* Experience in software configuration management using , **GitHub**, CVS, and IBM Clear Case.

TECHNICAL SKILLS

|  |  |
| --- | --- |
| **Language** | Java 1.7, 1.8, 11, JavaScript, SQL |
| **J2EE Technology** | JSP, JSTL, Servlets, EJB, JDBC2.0,3.0, JSF, JMS, JMS |
| **Web Technology** | HTML5, CSS3, JSON, Bootstrap, Node.js |
| **Web Services** | SOAP, REST, Microservice, JAX-RS, JAX-WS, JAXB |
| **Frameworks** | Hibernate3, Spring MVC, Spring IOC, Spring AOP, Spring DI, Spring AOP, Junit, AngularJS, Angular, Node.js, jQuery, JSF |
| **Databases** | Oracle , MySQL, DB2, MongoDB2.0,3.0 |
| **Build/Deployment** | Maven, Gradle, Docker |
| **Testing Frameworks** | Junit, Mockito |
| **CI/CD** | Jenkins, Kubernetes |
| **Cloud Technologies** | AWS – EC2, RDS, Lambda |

**WORK EXPERIENCE:**

**Change Healthcare | Chicago, IL Dec 2021 to Present**

**Java Full Stack Developer**

**Responsibilities:**

* Involved in the **Requirement Analysis, Design phase and Development** phase of agile model system.
* Involved in various phases of Software Development Life Cycle (**SDLC**) such as requirements gathering, modeling, analysis, design, development, and testing.
* Developed the view-controller components using **JSPs**, **HTML5**, **CSS3**, **AJAX**, **JavaScript (JQuery**).
* Implemented routing logic and navigation from screen to screen and implemented login functionality on the client side in **AngularJS**.
* Validated forms using **Angular 4** and regular expressions by providing client-side validation and server validation.
* Created Typescript reusable components and services to consume **REST** **API's** using Component based architecture provided by **Angular4**.
* Used **Java 11 Lambda** expressions along with **Streams** for creating internal iteration and performing chain operations such as Filter, Map, Collect on a collection.
* Implemented **core** features of **AngularJS** framework such as dependency Injection, Databinding, Filters, Directives, Templates, Services and Deep Linking Designing.
* Used **Node.JS** for building web applications with client-server architecture, where both can initiate communication in two-way connections and allow them to exchange data.
* Designed and developed **Micro Services** business components and **RESTful** service endpoints using **Spring MVC**.
* Worked with **Spring IOC** for implementing **DI** and used **Spring MVC** framework for implementing **Model-View- Controller (MVC)** architecture at the Web tier level to isolate each layer of the application so that complexity of integration will be reduced, and maintenance will be very easy.
* Used **Spring AOP** for solving crosscutting concerns like keeping logged data and transactions details.
* Build Test and developed application from Docker containers and deployed into PCF environment.
* Used **Spring Batch** for processing large amount of data like transaction management, job processing, resource management and logging.
* Secured the API's by implementing **Oauth2** token-based authentication/authorization scheme using **spring security**.
* Developed the persistence layer using **Hibernate** Framework**,** created the **POJO** objects and mapped using **Hibernate annotations** and **Transaction Management.**
* Developed **Micro Services** to provide **RESTful** API’s utilizing **Spring** **Boot framework**.
* Involved in writing **SQL** and **Stored Procedures** for handling complex queries with help of **TOAD** and access them through Java Programs from **Oracle Database**.
* Worked with **MongoDB** to store non-relational data into collection and retrieve them whenever required.
* Used **WebSphere** server to route our **JMS** queue messages to different business floors and configured routes in **WebSphere** and used **JMS** in e-mail notification.
* Extensively used core java concepts like collection framework, multi-threading, **OOPS** and Exception Handling.
* Developed **Cloud Solutions on AWS utilizing EC2, S3, IAM, ECS, Data pipeline, Elastic Bean Stalk, CloudWatch and RDS, etc. and Experience in connecting AWS S3 Buckets through Micro Services**.
* **Developed and deployed restful web APIs in AWS instances with Jenkins, Open shift, and Docker technology.**
* **Managed Docker orchestration and Docker containerization using Kubernetes.**
* Knowledge of partition of **Kafka messages and setting up the replication factors in Kafka Cluster.**
* **Maintain, Manage, Monitor, and build Splunk Infrastructure Cluster environment with High Availability resources.**
* Worked on setting up **Maven** scripts to build, package, and deploy application code to the target **WebSphere** Application Servers and worked on continuous integration servers like **Jenkins**.
* Used Job Scheduler to invoke**docker**containers having java code calling the Oracle rest services.
* Worked on developing **Restful** endpoints to cache application specific data in in-memory data clusters like **REDIS** and exposed them with **Restful** endpoints.
* Experience in micro services development using spring boot and deployment in pivotal cloud Foundry (PCF).
* Focused on **Test** **Driven** **Development** there by creating detailed **JUnit** tests for every single piece of functionality before writing the functionality.
* Worked in **Agile TDD** environment using SDLC tools like **GIT, Jira, Jenkins**, **Maven** for build packaging and deployments of the application components.

**Environment:**Java 11, J2EE, Hibernate, Spring, XML, JSP, MongoDB, JAX-RS, Spring AOP, Spring security, Oracle, MongoDB, JavaScript, jQuery, AngularJS, GIT, JIRA, PL/SQL, STS, JUnit, Log4J, Maven, Jenkins, WebSphere.

**AT&T | Dallas, TX Oct 2019 to Nov 2021**

**Java Full Stack Developer**

* Involved in **Software Development Life Cycle** process using **Agile** Methodology and participated sprint planning and daily stand-up meetings.
* Used **HTML5, CSS3, JavaScript, jQuery, Angular, AJAX,** and **Bootstrap** and participated in development of a well responsive single page application with front-end UI team.
* Handled all the client-side validations using **JQuery**.
* Used Spring framework for **Model View Controller (MVC)** and achieved data persistence through **Hibernate** **ORM framework**.
* Used **Hibernate3** annotation for Object Relational Mapping (ORM) with **Oracle 10g** database.
* Used **Spring MVC** model integration for front-end request action controller and **Spring AOP** for logging purposes.
* Used **Spring IOC** for dependency injection and developed controllers for handling **Http requests and response.**
* Developed **REST** and **SOAP** based **Web Services** for data retrieval.
* Used Amazon **Web Services (AWS)** for cloud computing and remote computing services.
* Create **microservice** to provide **RESTful** **API** utilizing **Spring Boot** with **Spring MVC**
* Deployed **SpringBoot** based **Microservices** into **Docker** container using **Amazon** **EC2** services.
* Used **AWS** cloud watch in maintaining and monitoring of production and corporate storages.
* Created and configured **EC2 instances** on **Amazon Web Services (AWS)** created **S3** buckets for the application.
* Developed the unit test cases **Test Driven Development (TDD)** and mock testing using **JUNIT** and **Mockito** **frameworks**.
* Implemented **OAuth2.0** for authentication-based web application and accessed their APIs for fetching data services.
* Configured and administered **Jenkins** Pipeline to configure Plugins and used for continuous integration.
* Extensively used **Linux**, **Unix system** administration tools to create servers and deploy and run applications in development stage.
* Used **GitHub** Repository for code integration and version control.
* Implemented **Log4J** for Logging Errors, debugging and tracking using loggers, appends components.
* Involved in wrap-up meetings and in estimating the timeframe for each story.
* Used **Spring Tool Suite (STS) IDE** for application development and **Maven** as build automation tool

**Environment**: Java, J2EE, HTML5, CSS3, Bootstrap, JavaScript, Angular**,** Microservice, Spring MVC, Spring IOC, Spring DI, OAuth,Hibernate, Oracle, AWS, EC2, Docker, Jenkins, Maven, Tomcat, Junit, Mockito, GitHub

**Qualcomm, Hyderabad Jan 2017 to Sep 2019**

**Java Developer**

**Responsibilities:**

* Involved in all the phases of the portal changes - analysis, design, development, testing and deployment.
* Designed and deployed XML files for Dispatcher Servlets, Application Context and Controllers to implement the **Inversion of Control (IOC) module in spring**.
* Used spring framework features like Spring IOC, **Spring AOP and Spring Batch**.
* Developed User Interface using the **HTML, Bootstrap, CSS, JavaScript, and AngularJS**.
* Used multithreading for writing the collector parser and distributor process, which was getting real time data from zacks API in format of JSON, using multithreading improved the performance by a lot. Moreover, using concurrency package of collections made it thread safe.
* Used **Cloud formation templates (CFT)** to find the resources that needed for the formation of cloud formation stacks.
* Used **NoSQL database** and **Amazon dynamo DB** to store data of reporting Application.
* Used Amazon Cloud Watch to monitor AWS services and Amazon Cloud Watch logs to monitor application.
* Implemented Object-relation mapping in the persistence layer using **hibernate** (ORM) framework. Extensively used **DAO patterns**, including mapping DAO objects, configure file and classes to interact with database.
* Developing Web pages by using **HTML5, CSS3** with LESS, **Angular JS** and **Angular UI Bootstrap**.
* Developed Java API to interact with the Amazon SQS used in sending bulk emails.
* Generated JSON format data packets from middle-tire controller to front-end using Jackson API.
* Used JSON for data exchange between browser and server. Used JSR353 for processing and manipulating JSON objects.
* Modeled JSON data from database and coded request handlers for parsing and sending relevant data to client (browser) side.
* Developed web services using **JAX-WS** to interact with legacy applications (backend processes).
* Involved in writing optimized SQL stored procedures on **Oracle and PostgreSQL**.
* Developed interactive web application using**Node JS** a pure java script application framework.
* Created and utilized **S3 buckets and Glacier** for storage and backup on AWS.
* DevOps role converting existing AWS infrastructure to Server-less architecture (**AWS Lambda, Kinesis**) deployed.
* Experience working with **Docker** to improve our (CD) Continuous Delivery framework to streamline releases.
* Built application using MAVEN and used **Log4J** to generate log files for the application.
* Extensively Implemented **Spring Boot, dependency Injection (DI) and aspect-oriented programming (AOP)**features along with hibernate.
* **JUnit/Mockito** Frameworks were used for performing unit & integration testing by writing test cases.
* Used Client side MVC frameworks like Angular JS Single Page Application developments.
* Ported the application's native application and database servers from **WebSphere**/**Oracle** to **JBoss/PostgreSQL**.

**Environment**: Java, Spring, Hibernate, HTML, CSS, AJAX, jQuery, JavaScript, React JS, Bootstrap, SOAP, SOA, My SQL, Web Logic, EJB, JPA, JSP, AWS Lambda, JMS, Log4j, JIRA, JMOCK, Linux, ANT, Shell script, Clear Case.

**Kelly Maxson | Hyderabad, IN June 2015 to Dec 2016**

**Java Developer**

* Involved in various phases of **Software Development Life Cycle (SDLC)** of the application like Requirement gathering, Design, Analysis and Code development and used **Agile Methodology** for application development.
* Used **J2EE design** patterns like **Value Object Pattern, Business Delegate**, **service locator, and session façade, Singleton, Factory** and **DAO**.
* The application is designed using **J2EE design patterns** and technologies based on **MVC** architecture.
* Involved in using **Core Java** concepts - Collections, Exception Handling, Multithreading.
* Developed the presentation layer using **JSP’s** and **AJAX**.
* Created and developed **REST** based Web Services with **JSON** type of response.
* Implemented security authentication for front end views based on the access privileges.
* Integrated spring MVC with **Spring DI and Spring Hibernate DAO**.
* Used **RAD IDE** based on **Eclipse** for writing code for **JSP, Action Classes** and **Spring Beans**.
* Involved in writing **DAO, DTO** using **HibernateDaoSupport**.
* Implemented persistence layer using **Hibernate** that uses the POJOs (which do not have the business processes) to represent the persistence database.
* Developed SQL stored procedures and prepared statements for updating and accessing data from database.
* Used **Log4J** to capture the log that includes runtime exceptions.
* Developed **JUnit test cases** for DAO and Service Layer methods to accomplish **TDD** approach.
* Created **ANT** scripts for preparing **WAR** files used to deploy J2EE components into the server.
* Deployed application onto the **JBoss Application Server**.
* Used **SVN** for version control of the application.
* Interacted with quality assurance team for requirements gathering and analysis.

**Environment:** Core Java, J2EE, JSP, Spring, MySQL, HTML, XML**,** Hibernate**,** ANT, IBM RAD IDE, JBOSS Application Server, Hibernate, REST, LOG4J, SVN, JUNIT.