**Nikhil**

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**PROFESSIONAL SUMMARY:**

* **9+ years** of Professional experience as **Full Stack Developer**, working on projects using the **AGILE/Scrum** and Waterfall methodologies, as well as all aspects of the Software Development Life Cycle. I worked on the analysis, design, development, testing, and deployment of a variety of web-based, corporate business applications utilizing **Java/J2EE** **web** technologies.
* Expert in Various Agile methodologies like **SCRUM, Test Driven Development (TTD), Incremental** and **Iterative methodology, Pair Programming, Agile Development & Testing using Software Development Life Cycle.**
* Experience in Developing **User Interface (UI)** **Rich Web Applications** using Front End/User Interface **(UI)** Technologies using **HTML5, DHTML, CSS3(SaaS, LESS) frameworks, Bootstrap, Java script (ES5 & ES6), jQuery, JSON, JSP, AJAX** by managing all facets and pipelines of application.
* Extensive experience in developing the web applications using **Spring framework such as Spring MVC, Spring IOC, AOP and Spring JDBC, Spring Data, Spring Batch, Spring REST, Spring IO, Spring Listener, Spring Security, Spring Boot with Thyme leaf template** along with other java technologies like **EJB, Junit, Apache Struts 2, Apache Axis, JFC (SWING, AWT, Java 2D) and JSTL.**
* Experience developing applications using MVC and MVVM client-side JavaScript frameworks such as **Angular 8.0, Angular JS** to create dynamic web applications, **Backbone JS, Handlebar JS.**
* Worked on Angular with **TypeScript** and other latest client-side technologies including **ReactJS, ES6, Gulp, NodeJS, RxJS, Angular CLI, Webpack, Karma** and **Jasmine.**
* Good Understanding on using various **XML** technologies like **XPath, XQuery, XSLT,** Expertise in using JavaScript build tools and task runners like **Webpack** for **React** and **Angular 8.0, Grunt, Gulp** for Angular, Browserify for packaging **NodeJS** modules for browsers.
* Worked with **React.js Virtual DOM** and **React views**, rendering using components.
* Good understanding **Core Java SE8** concepts like **Streams API, Time API, Functional Interfaces, Multithreading, Transaction Management, Exception Handling, Lambda functions, Generics and Collection API.**
* Strong Knowledge in using **Spring Boot** to create **stand-alone** applications and for building **web service.** Good understanding of **Spring annotations** as well as **XML configuration** for **dependency injection.**
* Experience in **MVC (Model View Controller)** architecture, using **JSF, Struts Framework, Hibernate** and **Spring Framework** with various **JAVA/J2EE design patterns.**
* Hands on experience in development of **Microservices** and deploying in **Docker**.
* Experience with **SOA, Web Services, SOAP, SOAP UI, RESTFUL, WSDL** technologies.
* Experience with **NoSQL Database** like **MongoDB** to manage extremely large data sets.
* Developed **DAOs (Data Access Objects)** that communicate with **DBMS** such as **MySQL**, **PostgreSQL, SQL/PL-SQL Oracle10g,** and **NoSQL** databases such as **MongoDB**, utilizing **Hibernate** as the **ORM.**
* Extensive experience with database modelling, design and development of **PL/SQL** stored procedures, and packages in relational databases such as **Oracle 9i, 10g, and 11g, SQL Server 2005/2008, PostgreSQL, Snowflake** and **MySQL.**
* Experience on **NoSQL based ORM frameworks** like **Mongoose Connector and Cassandra Node Driver.**
* Used **Single Sign On (SSO)** to have access control on multiple independent software systems.
* Hands on experience in **Amazon Web Services (AWS)** provisioning and good knowledge on **AWS** services like **Elastic Compute Cloud (EC2), Simple Storage Service (S3), Glacier, Auto Scaling, IAM, Dynamo DB, Virtual Private Cloud (VPC), Route53, Cloud Watch, AWS CLI, Cloud Formation, Cloud Front, Elastic Beanstalk, ELB** (Elastic Load Balancers), **RDS, SNS, SWF, SES, SQS, and EBS etc.**
* Experience in writing **Infrastructure as a code** (IaC) in **Terraform, Azure resource management, AWS Cloud formation.**Created reusable **Terraform modules**in both Azure and AWS cloud environments.
* Hands on experience on **Google Cloud Platform (GCP)** in all the bigdata products **Big Query, Cloud Data Proc, Google Cloud Storage, Composer (Air Flow as a service)**.
* Implemented **Pivotal cloud foundry (PCF)** to deploy **IAAS** or **PAAS** and to run own applications.
* Experience in writing test-cases in a Java environment using **JUnit, Mockito and Power mock**.
* Hands on experience deploying applications across servers like **Apache Tomcat 8, Apache Cocoon, BEA Web logic, IBM Web sphere, Nginx.**
* Experienced in designing point-to-point and publish & subscribe java message-oriented middleware models (MOM) using **Active MQ, Rabbit MQ**.
* Good experience maintaining the project in **GitHub, Bit Bucket, SVN and CVS** version control repositories.
* Experience in deploying the applications using **Docker** container services and building **continuous integration and deployment pipeline (CI/CD)** using **Jenkins** with **GitHub** also used **Kubernetes** Linux container for deploying and scaling containerized applications.
* Proficient in various **DevOps** tools such **as Jenkins, Ansible, Docker, Kubernetes, Git, AWS, Azure,** andothers**.**
* Experience in testing code using **Chai, Mocha, JUnit, Mockito, Selenium, Cucumber, TestNG and Soap UI**.
* Good experience in various agile methodologies like **Test Driven Development** (TDD), SCRUM, and Pair Programming.
* Proficient in log management and capturing runtime exceptions using **Log4J**, **SLF4J** framework and monitoring and tracing using **Splunk, Apache Kafka, and Grafana** in distributed web application development environment including writing **ANT** and **Maven** for builds and deployments to different environments.
* Extensive development experience on different **IDEs** like **Eclipse, Sublime Text, IntelliJ, Net Beans and Visual studio.**
* Expertise in using **NPM** and **BOWER** package and Dependency management.

**TECHNICAL SKILLS:**

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| **Languages** | Java, JavaScript, C, C++, Python, SQL, PL/SQL, HTML |
| **Java/J2EE Technologies** | Core Java, XML, Parsers, Servlets, EJB, JDBC, JSF, JSP, Multithreading, |
| **Web Technologies** | JSP, Servlets, JNDI, JDBC, JMS, JPA, EJB(3.0), Web Services, SOAP, WSD, Angular 8.0/6.0/4.0, React JS with Flux, Redux, Ember JS, Back Bone, JavaScript, Angular JS, NODE JS, AJAX, CSS3. |
| **Frameworks** | Struts, Spring (Dependency Injection, Spring MVC, Spring Core, Spring Context, Spring AOP, Spring DAO, Spring IOC, Spring JDBC, Spring with Hibernate), Hibernate, DWR, Log4j, JSF, JPA |
| **Web Services** | SOAP, RESTful, WSDL, JAX-WS, JAX-RS |
| **Application Servers** | IBM Web Sphere, JBoss, Apache Tomcat, Oracle, Web Logic |
| **Testing Tools** | Junit, TestNG, Mockito, Jasmine, Karma, Mocha, Chai, Spock, Protractor Build &amp; Configuration Tools: Ant, Maven, Gradle, Jenkins, Karma, Mocha, Chai, Spock, Protractor |
| **Microservices** | Swagger, Spring Microservices, Netflix Eureka |
| **Other Tools** | Log4j, JIRA |
| **Version Control:** | SVN, Git, CVS, Bitbucket |
| **IDE’s** | Eclipse, NetBeans, IntelliJ, RAD, VSC |
| **Operating System** | Windows, Linux, MAC |
| **Methodologies** | Agile (Scrum), Waterfall, TDD |
| **Build / CI/CD Tools** | ANT, Maven, Gradle, Docker, Kubernetes, and Jenkins |
| **Cloud Technologies** | Azure, AWS (EC2, S3, VPC, ELB, RDS, Auto Scaling, Elastic Search, EMR, IAM, ELK) |

**PROFESSIONAL EXPERIENCE**

**Verizon, Virginia. ` March. 2022 to Present**

**Sr Java Full Stack Developer**

**Responsibilities:**

* Involve in all phases of **Software Development Life Cycle (SDLC)** of the application like Requirement gathering, Design, Analysis and Code development.
* Developed the services following **Agile Scrum**, participated in daily stand-ups, sprint reviews, Kick-offs, and used **Jira** for project management.
* Designed and developed efficient user Interaction screens using **HTML5, CSS3-SASS,** and Twitter **Bootstrap CSS** framework and **media queries** to create responsive web pages.
* The application is built in **Micro Service Oriented Architecture** using **MEAN 4+ (Mongo, Express Angular 12.0 and Node)** stack and developed **Single Page Applications (SPA)**.
* Developed multiple **Angular 12.0** components that are compatible with the latest versions of **typescript, angular CLI**.
* Implemented **Java17** features like **Lambda expressions, Streams, filters, pipelines, Optional Interfaces,** etc.
* Develop web services **(REST API)** using **Spring, Spring Boot, REST Architecture**, used for storing and retrieving data using different URIs and Http methods. Used **Spring IOC, AOP** for creating beans and transaction management.
* Implemented **Spring Netflix Zuul** API gateway and **Eureka service registry** for **reverse proxy** and **Dynamic service** discovery of APIs.
* Implemented **Microservices** architecture with **Netflix, Spring Eureka, Spring Ribbon** using **Spring Boot** to provide client-side load balancing in calls to other **Microservices**, making applications into smaller chunks and the Spring Hystrix circuit breaker and for the fail-safe.
* Configured **JBOSS** Application server and used **Oracle** database with **Hibernate ORM framework** and used the functionalities of **Hibernates** second level **EHCache.**
* Maintained and optimized relational databases, including MySQL and SQL Server, using SQL queries and database administration techniques in both .**NET** and **Java** environments.
* **Kubernetes** is configured in the application for automating deployment, scaling, and management of containerized applications.
* Developed complex SQL queries, stored procedures, and triggers to retrieve, manipulate, and manage data stored in RDBMS.
* Created dynamic schema design through **NoSQL MongoDB** by writing rich queries and achieved data in a collection to be distributed across multiple systems for **horizontal scalability** as data volumes increase through **Sharding**.
* Implemented **AWS** solutions using **E2C, S3, RDS, EBS, Elastic Load Balancer**, Auto scaling groups, Optimized volumes, and EC2 instances and created monitors, alarms, and notifications for **EC2** hosts using **Cloud Watch**.
* Configured and managed various AWS Services, including **EC2, RDS, VPC, S3, Glacier, CloudWatch, CloudFront, Route53, SQS, SNS,** etc.
* Implemented a 'server less' architecture using **API Gateway, Lambda**, and **DynamoDB** and deployed **AWS Lambda** code from **Amazon S3 buckets. Created a Lambda Deployment function** and configured it to receive events from your S3 bucket.
* Worked with **KAFKA** **Zookeeper** for managing the cluster with **broker/cluster** technology.
* Responsible for migrating existing modules in **IBM MQ** to **Apache Kafka** and creating Kafka adaptors for decoupling the application dependency.
* Installed and configured multi-node Apache Hadoop, Apache **Spark** cluster for data store and data processing. Importing structured data into HDFS using Sqoop.
* Created a **Gradle** based build that uses **Docker** to locally build and start the microservice environment.
* Performed manual and regression **testing** using **JIRA X-RAY** tests, writing the scenarios.
* Worked with **Jenkins** to configure **Continuous Integration** and **Continuous Deployment** (CI/CD).
* Participated in code review and mentoring sessions and used **GIT** as version control and **GITBash** for **GIT** interactions.
* Authenticating Users to provide security to RESTful web services using **OAUTH** **2.0**.
* Worked on UI testing with **Karma, Jasmine, Protractor** for Angular, **Mocha,** and **Chai** for React JS and Backbone JS.

**Environment:** Java, Angular J2EE, Git, Spring Boot, Hibernate, Core Java, Rest, Web Services, CSS, Eclipse RCP SASS, WSDL, JIRA, JMS, PostgreSQL, Gradle, AWS, Spring Cloud, Spring batch, PCF, Apache JMeter, jQuery, JUnit, Docker, Maven, Jenkins.

**CareSource, Dayton, Ohio. June. 2020 to March 2022**

**Full Stack Java Developer**

**Responsibilities:**

* Involved in various phases of **Software Development Life Cycle (SDLC)** of the application like Requirement gathering, Design, Analysis and Code development.
* Worked on **JSX** inline template in updating **VDOM** and used reusable React components using **React JS** with **Redux** Architecture.
* Developed user interface using **React** using **Redux** and constructed a Node powered workflow and build systems using **gulp**, webpack and NPM tools. Used **React Hooks** to rewrite front-end applications.
* Used **React Hooks** to rewrite front-end applications. Replaced **React** class component with functional component. And stateful management, replaced with new Hooks like **useState, useEffect, useReducer** and **useRef**.
* Collaborated with a team of designers and developers to build scalable and maintainable **React Native** components that adhere to industry standards and best practices.
* Service calls on pages to interact with the server were made with **AXIOS** and generated Dispatch actions to make changes and manage the state of **Redux-Store**.
* Developed RESTful services based on **Spring REST** using **Jersey** framework.
* Extensively used **java 8** features such as lambda expressions, parallel operations on collections and multithreading.
* Utilize **Java** **8** features like Lambda expressions and Stream API for Bulk data operations on Collections to
* increase the performance of the Application.
* Utilized **Core Java** concepts like **Collections, Multithreading** and **Exception handling** to develop business components.
* Designed and developed the **REST** based **Micro services** using the **Spring Boot**, **Spring Data JPA.**
* Implemented persistence layer using **Hibernate** that uses the POJOs (which do not have the business processes) to represent the persistence database tuples.
* **Hibernate Session Manager** used to configure multiple data sources and provide independent database connectivity.
* Developed application on Spring framework by utilizing its features lik**e Spring Dependency injection, Spring Beans, Spring Security, Spring JPA, Spring Web flow using MVC** and implemented **Spring AOP** for cross cutting concerns.
* Server-side validations are achieved using **Spring Validation** framework.
* Developed **Spring Batch** processes for financial reporting applications and modules using **Perl** and **Korn** shell scripts on **Oracle database**, with partitions and sub partitions.
* Deployed and monitored web services using **Spring Cloud Foundry** Managed Domains and Routes with **Spring Cloud Service Registry.**
* Wrote **Hibernate** Criteria queries for data retrievals and have performed the **ORM** mappings to map java entities to database tables.
* Handled modifications in stored procedures, packages, and functions, at the backend and in **PL/SQL** coding both at backend and front end.
* Worked Several SQL complex queries and stored procedures using Hibernate as the ORM Framework to interact with **Oracle** Database and perform transactions.
* Developed **ATG** repositories using **ATG** object relational mapping framework which involved coding repositories XMls.
* Configured **Docker** setup locally to have a unique environment across different layers of testing.
* Implemented **OAUTH 2** (Rest service authentication) in our application to communicate securely with other protected resources by exchanging access tokens for authentication instead of using username and passwords.
* Installed and configured **Elasticsearch** and it’s plugged in on the instance, **Elasticsearch** performance and optimization.
* Work on setting up CI/CD pipelines for automated deployments on to multiple environments using GCP, **Jenkins**, **Shell Script**s.
* Developed and performed test cases using **Jasmine** and **Karma** in the unit test and used the protractor.
* Used **MAVEN** for project management and build automation and continuous Integration is done using **Jenkins**.
* Experience working with testing tools like **Jest, Firebug, Protractor**, Chrome/safari web inspectors and IE Developer Toolbar.
* Played key role in WAS Administration team and leading Middleware support team at onsite and offshore.
* Used **Active MQ**, as message broker for reliable and secure delivery of messages between applications.
* Followed Acceptance Test Driven Development (**TDD)** with the help of **Cucumber** framework where we automated the test execution of each feature we developed.
* Worked on **Scala** for implementing **Spark** libraries.
* Skilled in using **Groovy** for web development, including creating RESTful APIs and working with frameworks like **Grails**.
* Experienced in testing and debugging Groovy code, including using tools like JUnit and Mockito
* Involved in writing of test cases using **Junit** and **Mockito** framework and maintained a branch coverage above 85% which is a mandatory requirement.
* Generated **swagger** documentation for rest services and exposed it to external teams by using spring fox swagger library.

**Environment:** HTML5, CSS3, Redis, Express JS, jQuery, JavaScript, Node JS, Bootstrap, REST API, Load Balancer, Mongoose Connector, MongoDB, REST administrations, Groovy, Redis, Docker, Mocha, Jasmine, Karma, Gulp, SSO Authentication, Webpack, Kubernetes, Selenium, Maven and Jenkins. GIT, Jenkins, GCP.

**Spectrum, St Louis April 2018 to June. 2020**

**Sr. Java Developer**

**Responsibilities**

* Implemented web interface (UI) for end-users using **AngularJS**, which has migrated from the existing **Backbone JS** application.
* Used **HTML5, CSS, jQuery, Ajax** and performed client-side validations using JavaScript.
* Designed the user interface screen and its functionality as per user requirements and developed **RESTful** Web services in **Mule ESB** based on **Service Oriented Architecture (SOA)**.
* Effectively used **Angular Directives, filters, declarative templates, service providers, and context-aware communication**.
* Developed a set of application functionality using **CRUD** (Create, read, update, delete) features of **Backbone.js.**
* Used **backbone.js** as Model, Widgets as Controller, and **jQuery** template as view.
* Used **Backbone JS** to utilize its rendering functions and create controllers to handle events **triggered** by clients and send requests to the server.
* Developed application on Spring framework by utilizing its features lik**e Spring Dependency injection, Spring Beans, Spring Security, Spring JPA, Spring Web flow using MVC.**
* Worked on **Spring Framework** handling major concepts like **Dependency Injections, Spring IoC Containers, Transaction Management Declaratives** (annotations based).
* Experience in integrating **Drools** with various enterprise systems and applications.
* Skilled in writing **Drools** rules using various techniques such as decision tables, templates, and rule flows.
* **Hibernate ORM** framework is used to interact with databases through **Hibernate query language** (HQL). And worked with the **Hibernate EH Cache technique** for the critical objects in the application.
* Wrote **SQL** Queries, **PL/SQL** stored procedures, triggers, packages on **Oracle database.**
* Configured **Hibernates** second-level cache using **EH** **cache** to reduce the number of hits to the configuration table data.
* Developed an automated application using **JMS** for messaging and **JNDI** to interact with the server.
* Implemented **ODBC,** which is used for connecting to the **Oracle** databas**e.**
* Involved on migrating SQL server databases to **SQL Azure Database using SQL Azure Migration Wizard** and deployed the application to **Azure Cloud**.
*  Used **Docker, Spring Boot, JBOSS, Azure, Cassandra**.
* Used **Maven** build tool to deploy the application on web servers, i.e., **JBoss** and **testing** is achieved using the **TestNg** framework.
* Implemented multiple End-2-End Tests using **Gradle**, **Docker**, **Groovy** and trained teammates to use it.
* Configured **Jenkins** to handle application deployment in the **Pivotal Cloud Foundry (PCF)** server and integrate with **GitHub** version control.
* Integration testing methods and **Behavioural driven testing** in the application are implemented using **Selenium and Cucumber,** respectively.

**Environment:** Angular JS, HTML5, CSS3, AJAX, Bootstrap, JSON, XML, Active MQ, JMS, Hibernate, DB2, SOAP-AXIS2, Restful services, JAX-RS SOA, Eclipse Java EE IDE Neon, Jenkins, Git, Log4j, DB2, Grunt, Jasmine, JBoss, Jenkins, OpenShift, Drools, Maven, TestNg, Protractor, Grunt, Selenium, Cucumber, WADL.

**Xebia Pvt Ltd., Hyderabad, India. May. 2016 to Nov. 2017**

**Sr. Java Developer**

**Responsibilities**

* Worked on **Waterfall** methodology, including team-based design and code reviews.
* Developed the business logic code in **Core Java/J2EE, Struts, JDBC** and deployed applications using **Oracle WebLogic Server.**
* Spring **AOP** is used for logging, auditing, and security and transaction management to distinguish business logic from the cross-cutting concerns.
* Implemented **Spring Batch** to run daily and monthly batches.
* Extensively used **Java server Faces** **(JSF)** Navigation rules and JSF tags for enhanced user Interface.
* Involved in multi-tiered J2EE design utilizing **Spring Inversion of Control (IOC)** architecture and **Spring JPA**.
* Designed the user interface screen and its functionality as per user requirements and developed **RESTful** Web services in **Mule ESB** based on **Service Oriented Architecture (SOA)**.
* Implemented the back-end functionality of the modules using **Singleton** and **Session Facade** design patterns.
* Designing new components to fit in the already existing architecture using core **Java**, **multithreading**, design patterns like the **factory method, Abstract factory pattern, Singleton**, while developing web-based applications using **REST Web Services**.
* **Hibernate** ORM framework is used to interact with databases through Hibernate query language (**HQL**).
* Involved in the Development of **SOAP Web Services** using **Apache Axis** to extract client-related data from databases.
* Used **SOA, UDDI** lookups, and **Web Services Description Language** (**WSDL**) using the **SOAP** protocol.
* Deployed the application using **Docker** and **AWS Console services**.
* Deployed the application to **IBM WebSphere** 8.5.5 in UNIX environment IBM AIX 5.1.0.3. Tested the application after making the necessary configuration.
* Involved in performing Unit and Integration Testing in **Selenium.**

**Environment:** JSP, HTML, CSS, JavaScript, JDK 1.5, Hibernate 2.5, Spring 2.x, Servlets 2.3, JMS, JDBC, JavaScript, UML, HTML, JNDI, CVS, Log4J, JUnit, WebSphere Application Server 5.1.

**Nascent** **Pvt Ltd, Hyderabad, India. Nov 2014 to May. 2016**

**Junior Java Developer**

**Responsibilities**

* Involved in Requirement Analysis and Design and documentation.
* Designed and developed the application using Java Server Faces (**JSF**) framework.
* Extensively used the **J2EE** design patterns like Business Delegate, Service Locator, Value Object (Transfer Object) and Data Access Object and Session Façade.
* Worked on generating the web services classes by using **RESTful** web services.
* Prepared the test plans and executed test cases for unit, integration and system testing using different automation tools like **Junit, Soap UI** and **Fiddler**.
* Analysed the existing **SQL** queries and designed queries to optimize the performance in the backend.
* Worked on **SQL** and **PL/SQL** to write **Stored Procedures, Functions** and **Packages** for complex Inserts and updates.
* Prepared the test plans and executed test cases for unit, integration and system testing using different automation tools like **Junit, Soap UI** and **Fiddler**.
* Created an End-to-End Hybrid Framework using **Java, Selenium and TestNg**.
* Performance Testing experience using **JMeter**.

**Environment:** J2EE, PL/SQL, Stored Procedures, EJB,JSF, ICE Faces, Web services, XML, XSD, Clear Case, Oracle 9.i/10.g, tomcat 5.5, WebSphere5.1, LDAP, Spring Integration, Hibernate, LOG4j, Servlets, JSP, Unix, Junit, JMeter.