**Nishanth Kumar Maroju**

**Sr. Full Stack Java Developer**

**Professional Summary**

* 9 years of experience in design and development of projects, building distributed web applications using Java/J2EE and Core Java on various platforms.
* Worked in all phases of the development life cycle including architecture, analysis, design, development, testing, implementation, deployment enhancements and production support.
* Good Skills in all phases of SDLC like requirements, application development with Agile, Scrum, TDD, Waterfall
* Extensive experience in client-side development using Angular 9+, Node JS, HTML5, CSS3/4, JavaScript, JSON, and Bootstrap.
* Good Experience with Spring MVC, Spring Boot, Spring AOP, Spring DAO, Spring Security, Spring Batch, Spring Transactions.
* Developed Dynamic Responsive web applications (RWD) using Angular 4/8/9.
* Developed Spring Boot Applications using Microservices and Synchronous protocols like Java/REST.
* Good experience with Spring boot standalone application, Spring Integration, Spring DAO, Spring Security, Spring AOP, Spring Transactions, Spring Batch.
* Implemented Design Patterns Singleton, MVC, Object Factory, Front Controller, Factory Design pattern.
* Good knowledge of Design Patterns like Singleton, DAO, Factory, MVC, Service Locator Pattern, Builder Pattern, Proxy Pattern etc.
* Developed applications using Spring, Hibernate and REST based Web services.
* Used Microservice with Spring Boot through a combination of REST and Apache Kafka message brokers.
* Expertise in Microservice using Spring, Spring Boot, Spring Cloud to develop loosely coupled processes.
* Implemented Microservices based on Restful API utilizing Spring Boot with Spring MVC and Apache Kafka.
* Strong understanding of Microservice patterns Circuit Breaker, Aggregator, Proxy chaining.
* Experienced with distributed transaction management.
* Experience in developing SQL Stored Procedures, Triggers and Views with various databases like SQL Server, and MySQL.
* Experience in working with NoSQL databases like MongoDB v 3.x and RDBMS database like Oracle 11g, MySQL 5.7
* Experience with DynamoDB development and migration from SQL relational database to NoSQL.
* Experience in creating Docker images, Containers, push/pull and integrating with Spring Boot.
* Worked with Docker and Kubernetes on multiple cloud providers, from helping developers build and containerize. their application (CI/CD) pipelines to deploying either on public or private cloud.
* Experience in testing with JUnit Framework using Mockito and Easy Mock.
* Used Jenkins for continuous integration (CI) and continuous deployment (CD) pipeline.
* Ability to provide solutions from a functional and technical perspective, meet deadlines.
* Testing environments like JUnit and front-end testing tools using Jest framework.
* Strong experience with version controls GIT, Bitbucket, SVN.
* JIRA as Defect management for bug, issue tracking of application.
* Expertise in developing applications using Java, J2EE Technologies, JDBC, JSP, Servlets, XML, JavaScript, HTML, AJAX, and Android Touch Frameworks.
* Designed and developed an application using Struts 1.0 & 2.0, Spring 2.5/3.0 and Hibernate 2.0 & 3.0 Frameworks.
* Experience with MVC frameworks like Spring, Struts and ORM tools like Hibernate.
* Hands-On experience in Web designing & development using HTML5, CSS, JavaScript, AngularJS, jQuery, XML, Bootstrap JS, JSP, JSON, JSF and AJAX
* Experience in integration of Salesforce.com Applications with Other applications with an emphasis of the Web Services/XML.
* Good experience in installing, deploying, and testing with multiple Application Servers like WebSphere 5.1/6, WebLogic 10.1/8.1/7.0, JBoss Application Server and Tomcat web container.
* Experience SFDC Salesforce.com CRM platform using Visual force, Apex and Java Technologies as Developer and Administrator.

**TECHNICAL SKILLS:**

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| --- | --- |
| **Category** | **Technologies** |
| Programming Languages | Java 8, SQL |
| Web Technologies | HTML5, CSS3/4, JavaScript, jQuery, Angular 4/8/9, TypeScript, Node JS, Express JS, JSON, Swagger UI, XML |
| Spring Frameworks | Spring Boot, Spring MVC, AOP, IOC, Spring Security, Spring Batch |
| Application/Web Server | AWS, WebLogic Server, Apache Tomcat, WebSphere, JBOSS |
| Messaging Services | Rabbit MQ |
| O-R Mapping | JPA, Hibernate |
| Database | MS SQL Server, MySQL, AWS DynamoDB |
| Cloud Environments | AWS, Pivotal Cloud Foundry, Netflix Eureka |
| Version Control | GIT, Bit Bucket, SVN |
| Web Services | SOAP - WSDL, JAX-WS, RESTful - JAX-RS, RESTful APIs |
| Methodologies | Agile, TDD, waterfall model |
| Tools | Kubernetes, Docker |
| IDE and Build Tools | Eclipse, IntelliJ, SQL Navigator, Maven, VS Code |

**Education Details:**

* Masters in computer science from Pace University, NY – May 2024

**PROFESSIONAL EXPERIENCE:**

**Client: Cigna, TX Jan 2024 to Present**

**Role: Sr. Full Stack Java Developer with AWS**

**Responsibilities:**

* Building interactive modern user interfaces with Angular 12+ and Typescript 4.8.
* Implemented Micro front end architecture (MFE) using webpack 5 with module-federation.
* Developing working prototypes from UI designs and building reusable code and libraries.
* Developed custom modular components and services using RxJS, NgRx, Angular Material, Typescript to implement key functionalities.
* Working with Angular 9 to create web components. Extensively used Java 8 features such as lambda expressions, parallel operations on collections, multithreading, and effective sorting mechanisms.
* Used Java 8 features like Parallel Streams, Lambdas, functional interfaces, and filters.
* Built reactive RESTful Microservices using Java 8 and Java frameworks Spring Boot, Spring Web.
* Used Spring Boot for building applications with Spring initializers and bootstrapping the build configuration.
* Developed the application with various Spring Framework modules like Spring IOC, Spring AOP, Spring Boot, Spring Security, and Spring Batch.
* Worked on Spring Quartz for scheduling tasks to generate reports. Implemented asynchronous programming, collections, multithreading practices, and design patterns in Core Java.
* Developed a strategy for integrating the internal security model into new projects with Spring Security and Spring Boot.
* Implemented the middle tier using Spring WEB and Spring Boot. Created reusable components as spring aspects to use across the application.
* Used Spring Boot Actuator to monitor and manage the application in the production environment.
* Used Rest Controller in Spring framework to create RESTful Web services and JSON objects for communication.
* Designed and developed REST-based Microservices to support UI components. Implemented Microservices based Cloud Architecture on AWS Platform.
* Developed Microservices with Spring Eureka to retrieve API routes for the entire cluster.
* Used Hibernate as an Object-Relational Mapping ORM tool to store persistent data and for communicating with the Oracle database.
* Designed and implemented data relational mapping for web apps using Hibernate adaptors. Extensively used Hibernate concepts such as inheritance, lazy loading, dirty checking, locking, and transactions.
* Used CloudWatch in maintaining and monitoring production events. Worked on spinning up AWS EC2, S3, Elastic Beanstalk, Kubernetes Service, RDS (SQL Server), RabbitMQ.
* Used Spring JPA to design entity data mapping with SQL Server. Extensively used Mappers for entity-DTO transformations.
* Created Docker containers and Docker consoles for managing the application lifecycle. Managed Docker using Kubernetes and used Kubernetes for service discovery.
* Used Jenkins pipelines to drive builds to the Docker registry and deployed to Kubernetes. Experience in transferring data from different data sources using Kafka producers, consumers, and Kafka brokers.
* Incorporated Apache Kafka, Elastic Search, DynamoDB, and PostgreSQL to the project. Used Spring Kafka API calls to process messages smoothly on Kafka Cluster setup.
* Implemented application authentication/authorization mechanisms using Cognito, Okta (SSO/SAML). Developed RESTful services using JAX-RS, Spring frameworks.
* Developed prepared statements using NoSQL, SQL queries.
* Deployed the Application into Kubernetes Service and made easily accessible at runtime using cloud services like AWS for load balancing and a broker service to maintain status using Spring Kafka and Zookeeper.
* Used Java unit testing frameworks like Mockito to serve code coverage extensively. Used Junit for unit testing and implemented with Log4j 2 to provide logs of exceptions.
* Used GIT as the version control system.
* Used JIRA as the bug tracking system to track and maintain bugs/issues.

**Environment: Java 1.8, J2EE, Spring Boot Framework, RESTful Services, Microservice, DynamoDB, Spring Security, Hibernate, Spring MVC, Apache Kafka, ES6, TypeScript, Angular 9, Oauth2, XML, AWS, Docker, SQL Server, SonarQube, Swagger, Elastic Search, Kibana, Maven, Junit, JIRA, GIT, Jenkins, Log 4j 2, Agile**

**Client: VCTIP, India Oct 2021 to May 2022**

**Full Stack Java Developer**

**Responsibilities:**

* Worked on the spring framework like Spring IOC and Spring DAO.
* Developed application using concepts of Single page application using MEAN STACK (Angular), NodeJS, MongoDB, Express)
* Build RESTful Web services using JAX-RS API.
* Created web services, WSDL and web methods with Annotation in Hibernate, Used the spring container for data source and to load hibernate specific classes.
* Extensively used CSS and Bootstrap for styling the HTML elements.
* Performed CRUD operation with MongoDB 2.1.7 as the database, to store and access data.
* Designed Frontend within object-oriented JavaScript Framework with Angular.js.
* Designed and developed the framework to consume the web services hosted in Amazon EC2 instances.
* Developed API for using AWS Lambda to manage the servers and run the code in the AWS.
* Wrote test cases using JUnit testing framework and configured applications on WebLogic Server.
* Implemented the back-end services using Spring Boot.
* Filled in as a full stack engineer to create web applications utilizing spring, Rest based Web services. Used HTML5, CSS3, JavaScript, JSP, JQUERY, Angular 8, AJAX and Bootstrap in front end.
* Implemented Java Multithreading to refresh the cache at a given set of time interval.
* Used JAVA 8 features like Lambda Expressions, Parallel Streams, and functional interfaces.
* Involved in entire Software Development Life Cycle (SDLC) of the project like Requirement gathering, Conceptual design, Analysis, Detail design, Development, System Testing, and User Acceptance
* Used Open Shift Enterprise for Building, Deploying, and hosting an application in different environments.
* Developed build and deployment scripts using Ant, Maven, and Docker as build tools in Jenkins to move from one environment to other environments.
* Used Spring MVC and JDBC Template for object-to-relational mapping from the database and creating POJOs.
* Responsible for Developing Intradapro Modernization Application components using Java, UI Technologies such as HTML, CSS, JavaScript, Angular components.
* Designed and developed the application using Angular 8 framework along with HTML5, SCSS and Type Script.
* Created Various Angular components supporting Web Application efforts.
* Integration with the J2EE Services layer of Unity Platform, using Spring application context.
* Used Microservice architecture with Spring boot to develop REST based Web Services with minimal configuration Supporting across different modules of Search Functionality, Order Summary
* Responsible for Business rules extraction from existing desktop application, documenting the analysis in a user story for developing web application with all the existing functionalities.
* Developed Controller for request, response paradigm by Spring Controllers using Spring-MVC, Used JSON as response type in REST services.
* Integration of the Salesforce platform (inbound/outbound) using the REST/SOAP APIs.
* Used Spring Rest Controllers, Web Spring MVC and Spring Boot extensively to implement server-side business logic.
* Analyzed and fixed issues related to REST Web services and Application responses.
* Implement the web application using Express, Angular4 along with HTML5, CSS3, JavaScript, jQuery, Bootstrap, and other web technologies.
* Developed various Angular directives to help build the functionality and UI behaviour using JavaScript, also developed filters and angular services.
* Worked on creating Angular Reactive forms to implement complex forms and performed the validations using Form Builder
* Used Maven as the build tool and GIT as the Source version controller.
* Used GIT as the configuration management tool to manage the code repository.
* Performed unit testing using JUnit.
* Used HP Exstream to create, manage and deliver both electronic and print deliverables to clients.

**Environment: Angular 8, Spring 4.0, Hibernate, Web logic, Angular JS, HTML5, CSS3, Linux, APACHE CXF, JMS, Shell scripting, MongoDB, REST, JSP, JDK 1.8, SERVLET, MYSQL, JDBC, AWS, Eclipse, MAVEN, Agile, JIRA, Web 2.0, SOA.**

**Client: Warner Bros (Cognizant) March 2018 to Oct 2021**

**Role: Java UI Developer**

**Responsibilities:**

* Implemented UI by adapting Angular 4 framework with Typescript, HTML5 and CSS.
* Involved in various phases of Software Development Life Cycle (SDLC) of the application like Requirement gathering, Design, Analysis and Code development.
* Refactored the code for JVM Optimization and performance of application.
* Experienced with HTML5, CSS3, JavaScript, jQuery, and blade for developing user and admin interface.
* Working experience on highly advanced user interface design and development using JavaScript, Angular 4, AngularJS, HTML5 and CSS LESS/SASS.
* Deeply involved in CSS3 style sheets and made use of CSS preprocessor SASS to give gradient effects.
* Implemented multiple J2EE web service projects using Java, REST, SOAP, Spring, WebLogic, and WebSphere in production. Implemented application using Visual Studio Code, CSS, Angular CLI and Restful Web API.
* Involved in the creation of interface to manage user menu and Bulk update of Attributes using AngularJS and jQuery.
* Used jQuery to make the HTML and CSS code interact with the JavaScript functions to add dynamic data to the web pages on the client side.
* Created Windows services to create automation processing of XML.
* Designed the responsive front-end screens using Angular 4, HTML5, CSS3, JavaScript, Typescript, jQuery, and Bootstrap.
* Involved in building, deploying the code, and moving code to different environments.

**Environment: Angular4, Typescript, HTML5, CSS, SDLC, JVM, CSS3, JavaScript, jQuery, AngularJS, Restful Web API, J2EE, Java, AWS, XML, Bootstrap.**

**Client: Synchrony Financial, India Jan 2016 – March 2018**

**Java Developer**

**Responsibilities:**

* Extensively implemented the framework with multi-threading to implement loader with
* JDK 1.5 features. Analysis, design, and development of application based on J2EE and design patterns.
* Involved in all phases of SDLC (Software Development Life Cycle) and used oops concepts.
* Developed user interface using JSP, HTML, JavaScript, and CSS.
* Involved in developing functional model, object model and dynamic model using UML.
* Development of the Java classes to be used in JSP and Servlets
* Implemented asynchronous functionalities like e-mail notification using JMS.
* Implemented Multithreading to achieve consistent concurrency in the application.
* Handled the exceptions using try and catch blocks.
* Used Collection Interface to develop internal logic of the application.
* SOAP service created with top-down approach using Apache Axis2 framework, with marshaling and un-marshaling and producing WSDL file.
* Dependency injection using Factory Design Pattern and Spring IOC.
* Exposed and implemented top-down and bottom-up SOAP web services.
* Used the spring framework for managing the navigation and page flow and working with applets development.
* Created SQL queries and used PL/SQL stored procedures.
* Used Test Driven Development approach and wrote many units and integration test cases.
* Involved in writing flexible queries at DAO layer.
* Used Eclipse as IDE tool to develop the application and JIRA for bug and issue tracking.
* Followed strategy of TDD using Junit based testing where writing test cases first and then writing logic based on test cases to reduce QA cost.
* Used ANT tool for building and packaging the application.
* Code repository management using SVN.
* Implemented the project using SAX, DOM and XPATH to retrieve the data from the xml documents.
* Implemented the project using Web Services (JAX-WS), WSDL, UDDI, SOAP to communicate.
* With other systems (RITA, RADAR) by using Apache Axis.
* Used spring framework for the business layer using Spring Core, Spring Web MVC, Spring AOP modules.
* Developed back-end interfaces using stored procedures, Functions, Anonymous PL/SQL, Table level triggers.
* Used Perforce as version control tools to maintain the code repository.
* Involved in deploying the application on development and Staging environments.

**Environment:** **Core Java, Struts, Servlets, HTML, CSS, JSP, XML, JavaScript, DAO layer, Spring, Integration testing, WSDL, Waterfall, OOPS, Eclipse IDE, AXIS2, Oracle, SQL, JDBC, JUNIT, ANT, SVN, Apache Tomcat Server.**