**Nallu**

**PROFESSIONAL SUMMARY:**

* Over 8+ Years of experience in all the phases of software development life cycle including Design, Development, Integration, Maintenance, Implementation and Testing of various client/server, N-tier and web applications.
* Good experience understanding of a wide array of J2EE/JEE technologies such as Spring /hibernate frameworks, Web Services using SOAP, XML , JMS, JSON and JDBC which are required to architect real.
* Experience working with **Spring Boot with Microservices** and good understanding in **Microservices architecture, integration patterns.**
* Experience on Java Multi-Threading, Collection, Interfaces, Synchronization, Exception Handling.
* Extensive experience in publishing and consuming web services using SOAP and RESTFUL API.
* Knowledge in Kafka cluster, server, producer and consumer components
* Comfortable in configuration and deployment applications using servers like Tomcat, Web Sphere Application and JBOSS.
* Extensive Hands - on experience on implementing Cloud Solutions using various AWS Services including EC2, ECS, Elastic Load Balancer, Auto Scaling, VPC, Security Groups, S3, Lambda, Directory Services, Cloud Formation, Cloud Front, Cloud Watch, Cloud Trail, Route 53, Code Pipeline, Code Build, Code Deploy, Elastic Beanstalk, Elastic Cache, RDS, API Gateway, Data Pipeline, DynamoDB, SQS, SNS, SES, etc.
* Experience on AWS for deploying using Code commit and Code deploy of EC2 instances consisting of various flavors like Amazon Linux AMI, Red Hat Linux Enterprise, Ubuntu server.
* Extensive experience in designing professional UI web applications using front-end technologies like HTML, CSS, JSON ,Angular and Bootstrap using Visual Studio Code.
* Experience in build and deployment process of Angular applications using Angular CLI.
* Skillful in Angular features like dynamic form creation, Template-driven forms, Reactive forms, Routing, Directives, Pipes, Lazy Loading, Component Lifecycle hooks, Component interaction and dependency injection.
* Experience in working on unit test cases using Karma, Jasmine.
* Experience in working with node package manager - npm.
* Utilized NgRx for centralized state management in Angular applications, ensuring predictable state transitions.
* Good Working Knowledge of Log4j for logging and experience in Developing test cases ,besides involving in Unit Testing .
* Proficient in using development tools like Eclipse, Idea IntelliJ, Visual source code, Postman and DB clients like MS SQL Server, Toad and DBeaver.
* Followed Test driven development of Agile Methodology to produce high quality software.
* Experience on design and development of applications utilizing SQL, Stored Procedures with DB2 and Oracle databases.
* Worked on JIRA for project tracking, test management and to support tickets.
* Capable in taking care of multiple tasks and work effectively both in a group and as individual to meet due dates.
* Motivated team player with ability to work under minimal supervision having solid analytical, critical thinking and communicational skills.

**Technical Skills:**

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| --- | --- |
| **Languages** | Java, JavaScript, TypeScript |
| **Java Technologies** | Java, JDBC, Servlets .JSP |
| **Servers** | Tomcat Server, JBOSS, WebSphere Application Server |
| **Frame Works** | Struts, Spring, Spring Boot, Angular |
| **Web** | HTML, CSS and Boot Strap |
| **Development Tools** | Eclipse, IntelliJ, Visual Studio |
| **ORM** | Hibernate |
| **Web Services** | SOAP(JAX-WS), Restful |
| **Database** | Oracle, SQL Server, MySQL, DB2, MongoDB |
| **Scripting Languages** | Java Script, Shell Script |
| **XML technologies** | DTD, XML, XSL, XSLT, DOM |
| **Version Control** | CVS, Clear case, SVN, Bit Bucket, GitLab |
| **Operating Systems** | UNIX, Red Hat Linux, Windows and Mac OS |

**PROFESSIONAL EXPERIENCE:**

**Client: TIAA, North Carolina** Dec 2021– Till Date

Position: Java Developer

**Responsibilities:**

* Develop a web application based on **Microservice architecture** divided into several services, each independent of each other serving various functionalities that are integrated using **Spring boot framework** and front-end features in **Angular.**
* Worked on transforming legacy applications into Spring boot/Microservices APIs and deployed on AWS.
* Used Rest Controller in Spring framework to create **RESTful Web services**and JSON objects for communication.
* Integrated **API Gateway** for managing and securing RESTful APIs, ensuring adherence to security best practices.
* Developed various Junit test cases for Unit Testing.
* Extensively used Java features like **Streams, functional interfaces, lambda expressions.**
* Utilized AWS Lambda for serverless computing, optimizing resource utilization and reducing operational costs.
* Utilized Spring Kafka for seamless integration and message handling within microservices.
* Developed repositories, custom queries, and dynamic queries using Spring Data MongoDB.
* Used **MySQL** database to load the application data and complex queries to perform various data operations.
* Experience with Angular CLI for scaffolding and managing Angular applications.
* Strong understanding of component-based architecture and state management (NgRx, RxJS).
* Used **Jenkins** for building the applications and auto deploying the generated war into Dev, QA, staging and prod environments.
* Participating in daily stand-ups, sprint planning, sprint grooming, retro and working on stories in **agile methodology.**
* Worked on several **JIRA** stories to develop features for the front end and backend of application.
* Code Version control/Code merge using **GitLab.**
* Used **Splunk** logging for debugging applications.
* Collaborated with DevOps and QA teams to ensure seamless integration and deployment.
* Maintaining/ enhancing the applications, based on the priority of therequirement.
* Used **SonarQube, Junit** for Code Coverage, unit testing and configured them in Jenkins pipelines triggered when branch is merged with master.
* Used **Invision** to access the prototypes of frontend screens and developed the components based on that.

**Environment:** Java, Spring Boot, Microservices, Kafka, MongoDB, Gradle, MySQL, Tomcat, AWS, AWS Lambda, Splunk, GitLab, IntelliJ, Jira, Jenkins, Confluence, invision, Postman, Sonar and Angular

**Client: Children’s Health, Texas Dec 2018 – Dec 2021**

Position: Full Stack Developer

**Responsibilities:**

* Involved in various phases of Software Development Life Cycle (SDLC) such as requirements gathering, analysis, design, development, and testing followed agile methodology.
* Worked on Spring Boot applications to implement micro services and develop front end features in Angular.
* Developed multiple Angular components which are compatible with latest versions of typescript, angular CLI.
* Developed pages using Angular directives, expressions, routing capabilities for filters, validations, and Angular UI components such as grid, buttons, carousels, date pickers, modal dialogs, and other input components.
* Implemented microservices based architecture using Spring Boot interacting through REST API.
* Extensively used Java 8 features like Lambda expressions and Stream API.
* Consumed REST based Micro Services with Rest template based on RESTful APIs
* Designed and implemented a SPA (Single Page Application) in Angular which consume JSON from a Spring MVC, using Spring Security to secure the Application
* Implemented J2EE Design Patterns like Singleton, Factory, DAO for the integration of application modules.
* Used database to store and retrieve data from database. Created stored procedure to handle data in Java Spring Boot application.
* Worked on several JIRA stories to develop features for the front end and backend of applications.
* Used Log4j for logging and debugging.
* Deployed Spring Boot based micro services Docker container using Amazon EC2 container services and using AWS admin console.
* Used Jenkins for setting up pipelines for different environments. Created and updated yaml files for pipeline builds and deployments.
* Experience with AWS Cloud formation and launch configurations to automate repeatable provisioning of AWS resources for application with strong hands on experience with AWS solutions using EC2, S3, RDS, Elastic Load Balancer, Auto Scaling groups, Lambda, API Gateway and EBS services.
* Expertise in using code management tools GIT

**Environment**: Java, Spring Boot, SQL, HTML, TypeScript, Bootstrap, Angular, GIT, Maven

Jenkins, AWS, MongoDB, Docker, Kubernetes, Tomcat.

**Client: CVS Health, Illinois Aug 2018 – Dec 2018**

**Responsibilities:**

Position: Frontend Developer

* Developed single page applications using Angular 2/4, Typescript, HTML5, CSS3, and Bootstrap.
* Worked on web applications from scratch using Angular2/4 to develop single page application (SPA).
* Implementing Angular Router to enable navigation from one view to the next as customer performs application tasks.
* Developed layouts using HTML5, CSS3, Angular2/4, Bootstrap, JSON .
* Hands-on in developing menu and navigation layouts CSS flexbox and Bootstrap Grids
* Responsive web designing using CSS and Bootstrap framework.
* Gained ability to work on applications which are platform and browser independent using web technologies like Angular and HTML 5.
* Created Typescript reusable components and services to consume REST API's using Component based architecture provided by Angular 2.
* Communicating with servers and interaction with API's with which request data from web server and JSON to represent data.
* Used angular styling widgets like bootstrap for designing Rich UI components.
* Attending and reporting in daily stand-up meetings as a part of SCRUM working with other functional teams.
* Used Selectors, Events and Dom Manipulation using components in Angular2 for updating content on DOM nodes.
* Worked on debugging code with Firefox Firebug and Google chrome debugger.
* Created Angular components like Directives, Services, Pipes and Forms to collect the input from the User.
* Participated in daily meeting for enhancing the features for the application.
* Participated in Code review and Quality Assurance.
* Performed peer code reviews using GitHub.

**Environment:** HTML5, CSS3, Bootstrap, Angular, Restful Web services, JSON, GitHub and Eclipse.

**Client: Reliable Software Resources, Michigan Aug 2017 – July 2018**

**Project: RDOPS**

Position: Full Stack Developer

**Responsibilities:**

* Integrated Pivotal Cloud Foundry and SonarQube functionalities using REST API's.
* Implemented micro services using Spring Boot and Pivotal cloud foundry.
* Deployed Spring boot application using Pivotal Cloud Foundry .
* Analyzing the log files by using Cloud Foundry console.
* Analyzing the spring application using SonarQube
* Used Angular features like dynamic form creation, Template-driven forms, Reactive forms, Routing, Directives, Pipes, Lazy Loading, Component Lifecycle hooks, Component interaction and dependency injection.
* Used Node JS and Angular 2 for integration of cloud Foundry and SonarQube Tools .
* Used Angular 2.0 components for binding HTML, JSON and RESTful APIS created using Node JS
* Used Bootstrap for responsive CSS adjusts to phones, tablets, and desktops.
* Used Mongoose API to access the MongoDB from Node JS.
* Used Lambda expressions to filter the data and send it as JSON response.
* Jenkins is used for build Process to Generate Continuous Integration.
* Version Control is done by Bitbucket.
* Worked on **AWS**, High Availability Practices and deploying backup/restore infrastructure.
* Responsible for coding , testing , developing and debugging the application.

**Environment:** HTML5, CSS3, Bootstrap, Angular, Node JS, Restful Web services, JSON, Mongo DB, AWS, spring Boot, Spring Framework, Bit bucket, Jenkins, Sybase and IntelliJ

**CSRA - New York**

Position: Full Stack Developer

**Project: Health plan Application Jun 2016 – Aug2017**

**Description:**

This project is an organized marketplace designed to help people shop for and enroll in health insurance coverage.  Individuals, families and small businesses can use the Marketplace to help them compare insurance options, calculate costs and select coverage.  It uses a single application that helps people to check their eligibility for health care programs like Medicaid, Child Health Plus and enroll in these programs if they are eligible.  It also tells what type of financial assistance is available to applicants to help them afford health insurance purchased through the Marketplace.  People can complete the Marketplace application online, in -person or over the phone.

**Responsibilities:**

* Technical analysis, design, development, and documentation with a focus on the implementation and solid development.
* Involved in full systems development life cycle (SDLC) including Analysis, Design, Development, Integration and unit testing of application modules.
* Developed the user interfaces using Java Script, CSS and Html.
* Designed and Developed the application using spring and DAO.
* Designed and Developed the customized JSTL Tag Libraries and developed a web-based reporting system with JSP .
* Developed Application error handling using spring framework.
* Used hibernate for mapping java objects and persisting to the data base .
* Used Xml for configuring the spring application.
* Wrote SQL queries to fetch data from DB2 database .
* Created Test Specifications, Test Documents, Test Data for all the applications worked with unit Test, smoke Testing ,Black Box Testing.
* Used Log4J for logging.
* Performed peer code reviews using SVN
* Used Web Sphere Application server to deploy the application .

**Environment**: Java, J2EE, XML, WAS Server, Spring 2.0, Eclipse, JSP, DB2, SVN, Html, CSS, JavaScript

**Computer Science Corporation - India.**

**Project: Health plan Application June 13 - July 14**

Position: Full Stack Developer

**Description:**

This project is a comprehensive and integrated Hospital Management System for a Super Specialty Hospital. This package is used to computerize the activities of a servicing system. It contains four modules. Administration, patient Care System, Health Services, and Auxiliary Services. Each module is having sub-modules within this sub-module will maintain storing, registering, details of joining patient details, and overall day activities maintain one database.

**Responsibilities:**

* Technical analysis, design, development, and documentation with a focus on the implementation and agile development.
* Developed the user interfaces using Java Script, HTML, CSS and AJAX.
* Developed a web-based reporting system with DAO and Apache Struts-Validator using Struts framework.
* Designed and Developed Struts Action classes, Views using Struts custom tags and JSTL Tag Libraries on the View side.
* Jersey implementation of JAX-RS is utilized to develop RESTful service.
* Developed Struts-based form validation, Application error handling using Struts Validator framework.
* Developed business objects request handlers and JSPs for this project using Java (Servlets) .
* Wrote SQL queries to fetch database result on DB2.
* Used Clear case as version control.
* Created Test Specifications, Test Documents, Test Data for all the applications worked with Rational Rose.
* Used Clear case as version control.
* Status reporting to an onsite team on behalf of the entire team.

**Environment**: Java, J2EE, MVC Design, Black-Box testing, DB2, JavaScript, CSS, AJAX, Struts, Eclipse, Restful Services, Rational Rose, LINUX.

**Education:**

Masters in computer science (New York Institute of Technology 2016)

Bachelors in Electronics and communication Engineering (Jawaharlal Nehru Technological University 2013)