**Goutham**

**[gouthamk16528@gmail.com](mailto:gouthamk16528@gmail.com)**

**+1 (347) 620-1207**

**PROFESSIONAL SUMMARY:**

* Overall **10+ years** of experience working as a **Java/Full Stack** developer in designing, developing, deploying, and maintaining web-based, client/server applications along with Enterprise and Distributed applications.
* Strong ****conversance**** working with the SDLC methodologies like **Agile Scrum, TDD** and managed the successful completion of multiple software development projects over a range of software utilizing Java, HTML, CSS, JavaScript, SQL components.
* Extensive experience in Front-End UI technologies like **HTML, CSS, Bootstrap JS, Angular JS** in developing dynamic and responsive web pages and developed **Single Page Applications (SPAs)** using various JavaScript frameworks like **Angular 14**
* Built Restful web services using **NodeJS** and implemented the front-end using jQuery, AngularJS controllers, directives, and services. Created **Angular 14** components, implemented interpolation, input variables, Bootstrapping, Ng For, Ng If, Router Outlet, binding the events, decorators.
* Knack in React JS framework to develop the SPA and working with React Flux Architecture and used React Router to turn application into single page application using React JS components, Forms, Events, Keys, Router and Animations.
* Used ES6 new features such as Let, Const, Map function modules and other angular type script. Developed Angular components which are compatible with latest versions of Type script, Angular CLI to create controllers and Angular components for Webpages.
* Expertise in **Java** programming and have good understanding on **OOPs, Collections, Exceptions Handling, Input/output** (I/O) **System, Annotations, Concurrency, Multi-Threading, Lambda** and **Generics.**
* Deep understanding in implementation of the **J233EE** **Design Patterns** like Singleton, Factory, Observer, Proxy, Demand, MVC, Session Facade and **DAO** Pattern with exposure to UML Modeling.
* Used **Mocha, Karma** along with **Jasmine** for UI testing and used **Junit** and **Mockito** for Back-end code testing and to build applications and performed unit testing for Angular components with frame works using **Karma** and **Jasmine**
* Wizard with **Java 8** features such as, **Default** and **Static** methods, **Lambda expressions**, **Optional Class**, **Collector Class,** and **Parallel sort** in **Arrays** and have Knowledge with **Data Structures** and **Algorithms**.
* Implemented persistence logic using **JDBC, JPA, Spring JDBC, Hibernate.** Used **Hibernate** for Database persistence to perform **CRUD** operation like insert, update, and retrieve.
* Good knowledge on **OAUTH 2.0** to provide authentication and authorization to rest services by exchanging access tokens also have skilled in using the JSON web tokens to securely communicate JSON objects.
* 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.
* Experience with **JAX-RS API(Apache CXF, Jersey)** and **Spring** with **REST APIs** to create REST web services also developing webservices, generate stubs, and consume existing services using **WSDL**, **SOAP**, and **AXIS**.
* Solid understanding of deploying the **JEE** components on the **Apache Tomcat, BEA Web logic** and **IBM Web sphere, Jboss** application services and expertise in **SOA, Webservices, CXF, XML technologies, XSLT** and **XPath**.
* Pragmatic in building scalable web service architectures with various relational **MySQL**, **Oracle DB** including **NoSQL** databases like **Cassandra** and **MongoDB** where data storage was scaled rapidly.
* Top-notch in using version control and configuration management tools like **GIT** and **CVS**. Used version control system like **GIT**, **SVN** (subversion) and **GitHub** to access the repositories used in coordinating with **CI** tools and maintaining the version across the environments different platforms
* Proficient with container systems like **Docker Orchestration and Docker Containerization** using Kubernetes and Involved in deploying applications in Amazon Web Services environment using Continuous Integration tools (**Jenkins**), Continuous deployment tool (**Docker**), **Nginx (HTTP Server**) and **Git** (Source code management).
* Expertise in **AmazonAWSCloud** administration which includes services like **EC2**, **S3**, **EBS**, **VPC**, **ELB**, **AMI**, **SNS**, **RDS**, **IAM**, **Route53**, **Autoscaling**, **CloudFront**, **CloudWatch**, **CloudTrail**, **CloudFormation**, **SecurityGroups**.
* First rate with **AWS CloudFormation** and launch configurations to automate repeatable provisioning of **AWS resources** for applications. Hosted the applications on **Node.js** server using express middleware.
* Used **JIRA** for bug tracking and implemented various JIRA plugins such as JIRA client, JIRA importer plugin, JIRA charting plugin, the connector for Microsoft project and JIRA custom field.

**TECHNICAL SKILLS:**

|  |  |
| --- | --- |
| **Java/J2EE Technologies** | Servlets, JSP, JSTL, JDBC, JMS, JNDI, RMI, EJB, Multi-threading, Java Networking |
| **Programming Languages** | Java, Core Java, SQL, PL/SQL, C |
| **J2EE Frameworks** | Spring MVC, Struts 2.0, JSF, Spring Batch |
| **Application/Web Servers** | WebLogic, IBM WebSphere, JBoss, Tomcat |
| **ORM Frameworks** | Hibernate, JSF, IBATIS, Kafka, Spring Batch |
| **Web Technologies** | Angular 4/6/9/14, Angular.JS, JSP, Typescript, React, Redux, JavaScript, jQuery, AJAX, XML, XSLT, XHTML, DHTML, CSS, SASS, HTML |
| **Spring Framework** | Spring IOC, Spring Batch, Spring Boot, Spring Security |
| **Database Server** | Oracle, DB2, SQL Server, MySQL, RDBMS, MongoDB, Cassandra |
| **IDE** | Eclipse, NetBeans, IntelliJ, STS |
| **Web Services** | REST, SOAP |
| **Version Control** | GIT, CVS, SVN |
| **Build Tools** | ANT, Maven, Gradle |
| **Methodologies** | Agile, Scrum, Test Driven development |
| **Operating System** | Windows, Mac, Linux, UNIX |
| **Testing & Logging** | Junit, Jasmine, JUnit, Log4J, SoapUI, Karma, Selenium, Jenkins, Docker |

**EDUCATION:**

* Masters of Science in Computer Science, University of North Texas, Texas, USA
* Bachelor of Technology in Computer Science, Ace Engineering College, INDIA

**PROFESSIONAL EXPERIENCE:**

**Client: Conduent Aug 2022 to Present**

**Location: Dallas, TX**

**Role: Java Full Stack Developer**

**Responsibilities:**

* Worked in all phases of **SDLC** involving specifications, gathering Requirements, Designing, Development, Testing, Deploying, and Maintaining the application by using **Scrum Methodology** in **Agile** environment.
* Developed user interface using **Angular** and implemented services to pull JSON data which is exposed through **REST** services and Implemented **Angular JS** component router for navigation and the services to connect the web application to back-end **API**s.
* Implemented Single Page Application [SPA] functionalities using **Angular** Routing and used **Angular** Lazy Loading, to increase the performance of the application.
* Developed an Angular 4 observable Indexed DB API service to store local data and use the JWT token granted through OKTA authentication.
* Created **NodeJS** based Lambda functions to read data files from **AWS S3** triggered and run these functions on **AWS Lambda** and utilized features of **Java 11** such as **Lambda expressions**, **Default** and **Staticmethods** in **Interfaces**, **StreamAPI**, **OptionalClass, Concurrency Enhancement**, **JavaScript Engine,** and **ParallelSort** in **Arrays.**
* Using **Java 11** in finalization of the **HTTP client API** and added the ability to launch single file source code programs.
* Using mobile - optimized Progressive Web App used Service Worker**, Indexed DB**, and Cache API for a seamless offline experience.
* Running the Java file with single command and working with **JAVA 11** in adding new methods to the string classes and optimized the existing string and array intrinsic on **ARM64 or AArch64 processors.**
* Utilized **Swagger** framework for building the REST APIs and Created/updated the swagger files to configure the definition objects or parameters of service end points and worked on swagger to markdown tool, where it parses the swagger to markdown pages.
* Worked with JAX-RS API (Apache CXF, Jersey) and Spring with REST API to create REST webservices also developing webservices, generate stubs, and consume existing services using WSDL, SOAP, and AXIS and Used JAXB for marshalling and unmarshalling of work order, billing XML documents, and JAXP for processing.
* Designed **Spring Boot** service to process the legacy manifest, package exceptions using distributed environment using Open shift pods and actively involved in coding using **Java**, Spring to develop features from end to end.
* Migrated **Java** applications from mainframes to **java** 8 using **Spring MVC**, JSP, CSS, **Hibernate**, **JavaScript**, jQuery also rendered the java scripts like **jQuery** with **AJAX** to make asynchronous calls.
* Integrate the web services using Apache Camel routing and **Spring** and used **Apache Kafka** confluent distribution both as a **traditional messaging** message and **stream platform** while maintaining **Kafka Cluster** by created Topics to partition for **point-to-point** messaging.
* Co-acted with Java 8 features like **Lambda expressions**, Default and Static methods in Interfaces, Streams API, Optional Class and Parallel sort in Arrays, Collection API improvements.
* Conspired in querying **MySQL 5.0** Optimizing **SQL queries**, MSQL functions, **indexing**, **PL/SQL procedures** and **exception handling, Stored procedures**. Deep understanding in developing stored procedures, functions and comfortable using databases Oracle, MySQL, complex SQL statements, Joins, and stored procedures to fetch the data from the database.
* Write and retrieve files to and from **S3 bucket** for User Interface to render data faster that involves complex and time-consuming server-side logic and microservices that were developed using Spring Boot are deployed on **Amazon EC2 container services** using AWS admin console.
* Designed **Microservices** to fetch from legacy and upload in couch base from/to multiple buckets using Couch base SDK **Java** client and updated the swagger files to configure the definition objects or parameters of service end points.
* Used these generated markdown pages to build a developer portal website using Jekyll which uses Ruby to parse the markdown pages to a static website and used **Bitbucket** and sent PRs for review.
* Extensively Used **Jenkins** as CI tool to deploy **Spring Boot Microservices** to Pivotal Cloud Foundry (PCF).
* Implemented a Continuous Delivery pipeline with Docker, Jenkins and GitHub and AWS AMI’S and used JWT token bearer authentication for **REST** services and integrated **AWS** Code Pipeline with third-party services like **GitHub,** or AWS Code Commit or **Amazon ECR.**
* Worked on Big data Integration and analytics based on **Hadoop**, **SOLR, Spark, Kafka, storm**, and **web methods** and utilized **Kubernetes** for the runtime environment of the **CI/CD** system to build, **test deploy** and **Orchestrate Docker** containers and configure the pods to run the application. Also used **Docker** image registry to deploy the code from **Git** to Open Shift using **Jenkins** pipeline.
* Developed backend services to fetch data from **Oracle 12c** using **JDBC** templates and using **AWS lambda** and used other AWS services like **AWS API Gateway** to configure restful endpoints and **AWS Lambda** to write backend logic and used **Dynamo DB** which is used for database storage.
* Planned, deployed, monitored, and maintained **Amazon AWS** cloud infrastructure consisting of multiple **EC2.**

**Environment:** Java, Angular 14, Node JS, Spring Boot, Kafka, Spring Batch, JSON, MySQL, GitHub, Jenkins, Docker, Open Shift, Windows, LINUX, IntelliJ, Cucumber, Maven, Swagger, Postman, REST services, JUnit.

**Client: HHS Technology Jan 2021 – Jul 2022**

**Location: Durham, NC**

**Role: Java Full Stack Developer**

**Responsibilities:**

* Responsible for developing the UI pages using **HTML5, CSS3, JavaScript, Bootstrap, JSON, jQuery, Angular 9**,**Node JS, AJAX**.
* Adoption of new principles such as responsive design, mobile first and adaptive design using Angular 9 libraries using Typescript.
* Worked with Angular 9 forms, modules, **DOM**, events, expressions, controllers, filters and Http Request.
* Used HTTP Request to read data from web servers and process **JSON** data to render in the UI.
* Connect Web API to Angular using Http Call and designed **GET, POST, PUT, DELETE** for Web API.
* Implemented **REST Microservices** using spring boot. Generated Metrics with method level granularity and Persistence using **Spring AOP and Spring Actuator.**
* Extensive knowledge of **multi-threading** concepts such as **synchronization, deadlock, Java Concurrency API** and race conditions.
* Experience in using various threading constructs such as **Executors, Thread Pools**, and Futures.
* Used spring config server for centralized configuration and Splunk for centralized logging. Used Concourse and **Jenkins** for Microservices deployment.
* Experience with tools like Experience with **Docker** Images/containers and **Kubernetes**.
* **Apache Maven** is used as Build tool to automate the build process for the entire application
* Used Java8 features like stream and **Lambda expressions**.
* Worked with executed unit test cases by using **JUNIT** for accuracy of code and logging with log4j.
* Used Java 8 Method References feature to point to methods by their names and used functional Interface
* Handled response data from RESTFUL web services using XML, JSON and JQuery to update UI Interacted with java controllers (JQuery, Ajax, and JSON to write/read data from back-end systems).
* Coding, testing of reusable JavaScript, **CSS3, HTML5 widgets / libraries** for complex UI controls and Responsible for JavaScript / AJAX UI upgrades and improvements.
* Experience in using various threading constructs such as Executors, Thread Pools, and Futures.
* Familiarity with Java debugging tools such as jstack and jconsole for analyzing multi-threaded applications.
* Expertise in creating and managing **Jenkins** pipelines, including declarative and scripted pipelines.
* Deployed Spring Boot based micro services **Docker** container using **Amazon EC2** container services and using AWS admin console.
* Conspired in querying **MySQL 5.0** Optimizing **SQL queries**, MSQL functions, **indexing**, **PL/SQL procedures** and **exception handling, Stored procedures**. Deep understanding in developing stored procedures, functions and comfortable using databases **Oracle, MySQL**, complex SQL statements, Joins, and stored procedures to fetch the data from the database.
* Knowledge of using Artifactory REST API for automating and integrating **JFrog** Artifactory with other tools in the DevOps toolchain.
* Utilized **Swagger** framework for building the REST APIs and Created/updated the swagger files to configure the definition objects or parameters of service end points and worked on swagger to markdown tool, where it parses the swagger to markdown pages.
* Strong understanding of pipeline stages and steps, including build, test, deploy, and notification stages.
* Used **Jasmine** framework to write Unit test cases for the web module. Also, used different developer tools respective to the browser to debug the code.
* Worked with Agile software lifecycle methodology and involved in daily SCRUM meetings for report, plan and expect purpose.

**Environment**: Angular 9, HTML5, CSS3, Node JS, JavaScript, TypeScript, Java, Spring Boot, jQuery, AJAX, Maven, Microservices, Kubernetes, Docker, Bootstrap framework, Jasmine, Git, Bitbucket, Apache Embedded Tomcat, Maven, SOAP UI, POSTMAN.

**Client: Intuit Jan 2018 – Dec 2020**

**Location: Mountain View, CA**

**Role: Full Stack Developer**

**Responsibilities:**

* Achieved Optimized performance by **Angular 6** lazy loading and Injected Angular 6 built in HTTP service to custom services to communicate with back end with RESTful APIs and Used pipes to format and sort data displayed in the templates.
* Used **Angular** **CLI** to generate components services and compiled in different environments and leveraged
* Controllers to maintain each view data also implemented Angular service calls using Angular Factory. Development of test cases for **unit testing** in a Test-Driven Development and used Jasmine and Karma for Angular Test cases.
* Extensively worked on the Angular UI Routing to handle navigation to access different pages in the application.
* Responsible for developing the UI pages using **HTML5**, **CSS3**, **JavaScript**, **Bootstrap**, **JSON**, **jQuery**, **Angular 6**, **Angular JS, Node JS, AJAX**.
* Designed and coded customized Angular 6 services to interact with the backend API and serve components.
* Worked with Angular 6 forms, modules, **DOM**, events, expressions, controllers, filters and Http Request.
* Used HTTP Request to read data from web servers and process JSON data to render in the UI.
* Connect Web API to Angular using Http Call and designed GET, POST, PUT, DELETE for Web API.
* Implemented REST Microservices using spring boot. Generated Metrics with method level granularity and Persistence using **Spring AOP** and Spring Actuator.
* Extensive knowledge of **multi-threading** concepts such as synchronization, deadlock, Java Concurrency API and race conditions.
* Experience in using various threading constructs such as Executors, Thread Pools, and Futures.
* Familiarity with Java debugging tools such as jstack and jconsole for analyzing multi-threaded applications.
* Used spring config server for centralized configuration and Splunk for centralized logging. Used Concourse and Jenkins for Microservices deployment.
* Experience with tools like Experience with Docker Images/containers and **Kubernetes**.
* Apache Maven is used as Build tool to automate the build process for the entire application
* Used Java8 features like stream and Lambda expressions.
* Worked with executed unit test cases by using **JUNIT** for accuracy of code and logging with **log4j**.
* Used Java 8 Method References feature to point to methods by their names and used functional Interface
* Handled response data from RESTFUL web services using **XML**, JSON and JQuery to update UI Interacted with java controllers (jQuery, Ajax, and JSON to write/read data from back-end systems).
* Deployed Spring Boot based micro services Docker container using Amazon EC2 container services and using AWS admin console.
* Proficient in using **JFrog** Artifactory, a universal artifact repository manager that supports software packages created by different technologies.
* Developed the application using MEAN stack: Mongo DB, Angular 6 and Node.js.
* Developed Asynchronous means of retrieval of data from the Server and Database using AJAX features as well **JavaScript**. And using **Node.js** applications to write in JavaScript.
* Made enhancements to existing **CSS** and DIV tags using box model.
* Strong understanding of pipeline stages and steps, including build, test, deploy, and notification stages.
* Used Jasmine framework to write Unit test cases for the web module. Also, used different developer tools respective to the browser to debug the code.
* Worked with Agile software lifecycle methodology and involve in daily SCRUM meetings for report, plan and expect purpose.

**Environment:** Angular 6, HTML5, CSS3, Node JS, JavaScript, TypeScript, Java, Spring Boot, jQuery, AJAX, Maven, Micro services, Kubernetes, Docker, Bootstrap framework, Jasmine, Git Bitbucket, Apache Embedded Tomcat, Maven, SOAP UI, POSTMAN.

**Client: Hudda InfoTech private limited Jan 2015 – Jul 2016**

**Location: Hyderabad, India**

**Role: Java Developer**

**Responsibilities:**

* Used **NPM** for installing required node modules and other published Angular NPM modules.
* Worked Extensively with Angular CLI for creating components, Services, pipes, Directives.
* Designed and developed the application using Angular 2 framework along with **HTML5, CSS3, Type Script, Java Script, Bootstrap, NPM, Cassandra.**
* Moved existing AngularJS controllers and services to Angular 2 components for more responsive and less dependency and enhanced legacy app by building new components in Angular 2 and typescript.
* Developed single page applications using Angular 2, Typescript, web pack and grunt.
* Created Typescript reusable components and services to consume REST API's using Component-based architecture provided by Angular 2.
* Implemented migration of data from Oracle database to Cassandra using parallel run technique.
* Involved in designing various stages of migrating data from **RDBMS** to **Cassandra**.
* Implemented an internal Rest Service Layer of services using Java, JAX-RS to interact with Cassandra.
* Perform analytics on Time Series Data exists in Cassandra using Java API.
* Experience in deploying Cassandra over Docker containers.
* Working on **AWS Elastic** load balancing for deploying applications in high availability.
* Developed **API** for using **AWS** Lambda to manage the servers and run the code in the **AWS**.
* Developed business tier components and services using **RESTful web services.**
* Used **Spring Rest Controllers** and **Spring Web MVC e**xtensively to implement server-side business logic.
* Used **Spring JPA** to design entity data mapping with **Oracle DB.**
* Worked with **JMS** service to achieve Messaging Patterns with Rabbit MQ for batch and Bulk processing.
* Installed **Kafka** on the cluster and configure producer and consumer coding part in java 8 to establish a connection from source to **HDFS** with popular hash tags.
* Built real time pipeline for streaming data using **Kafka** and **Spark Streaming**.
* Worked with **JASMINE** in testing and Protractor for unit testing angular modules.
* Involved in pre-testing the Web Service calls with Postman. (Plug-in for chrome)
* Develop and execute unit test cases using JUnit, and Mockito as mocking framework for mocking data.

**Environment:** Angular CLI, HTML5, CSS3, Typescript 2.0, JavaScript, Bootstrap, NodeJS, Cassandra, NPM, Angular 2, REST API, Oracle, Thrift API, JAX-RS, Docker, AWS Elastic Load Balancing, AWS Lambda, Spring MVC, Spring JPA, Log4J1.2, Rabbit MQ, Kafka, JASMINE, Postman, Git, JIRA, JUnit, Mockito, Eclipse.

**Client: Yana software private limited Jan 2012 – Dec 2014**

**Location: Hyderabad, India**

**Role: Java Developer**

**Responsibilities:**

* Design Patterns like **Singleton, Factory, MVC, Front Controller, Service Locator, and Session Facade**.
* Involved in the front end using **JSP, JSTL, jQuery UI, Servlets, HTML, JavaScript, AJAX,** and **Backbone**.
* Developed the web application by using Prime faces employing AJAX at client -side components which enable rich web application content in GUI's.
* Worked on spring modules like Dependency Injection (DI), Aspect Oriented Programming (AOP) and Spring Mail, **Spring JMS** and **Spring Security**.
* Involved in development of Agent Verification System using Spring MVC framework.
* AngularJS framework for page rendering and Ajax calls to backend RESTful services.
* Designed UI web pages using web technologies like **HTML, XHTML**, and **CSS**.
* Worked on **MVC** framework like **AngularJS** for developing single page applications.
* Web application development for backend system using **AngularJS** and **NodeJS** with cutting edge.
* Built Web pages that are more user-interactive using jQuery plugins for Drag and Drop, AutoComplete, **AJAX, JSON**, and **JavaScript, Bootstrap**.
* Multiple row data storage called **MVVC** to make PostgreSQL extremely responsive in high volume environments.
* Responsible for continuous monitoring and managing Elastic Map Reduce cluster through **AWS console**.
* Implemented rules using **JBOSS** BRMS (Business Rule Management System), a version of DROOLS.
* **Log4j, MQ Series, SOAP web services** with Apache CXF 2.3/ JAX-RPC/ JAX-WS, JSON Rest Web service.
* Developed Unit /Integration test cases using **Junit**, Easy Mock, Mockito and **Selenium** **tools**.
* Used ANT/Maven tools for building and deploying the Web applications.

**Environment:** Java, Eclipse, HTML5, CSS3, Bootstrap, AngularJS, React JS, JavaScript, JSON, Ajax, Maven, Spring, Hibernate, Restful Web Services, SQL, WebSphere, AWS, Glacier, EC2, Jenkins, Git, Apache Kafka, DOM, karma, Jasmine, Junit, Log4j, Apache Kafka, JIRA, Mockito.