**SIDHARTHA REDDY DASARI**

***Sr. Java Full Stack Developer***

**Phone: +**1 (469) 712-4228

**Email:** siddarthareddidasari@gmail.com

**LinkedIn:** https://www.linkedin.com/in/sidhartha-reddy-dasari1412

**Professional Summary:**

* As a highly accomplished IT professional I have over 10+ years of experience developing web-based, enterprise, and client-server applications in a **JAVA/J2EE** environment, as well as exposure to **relational database management systems (RDBMS)** in n-tier applications.
* As a SRE Facilitate Root cause analysis (RCA) related to production incident/defects and corrective action plans.
* Experience utilizing automated build tools and **CI/CD** environments.
* Experience in configuring **Azure web apps**, **Azure App Services**, **Azure Application Gateway**, **Azure DNS**, Implementing **Azure Site Recovery** and **Azure Automation**.
* Have extensively worked in developing ETL programs for supporting Data Extraction, transformations and loading using Informatica Power Center.
* Created UNIX shell scripts to run the Informatica workflows and controlling the ETL flow.
* Experience in implementing MDM solutions around Customer Data at Confidential, Organization and Provider data at Stryker and Product data at Home Depot.
* Experience in supporting IBM Info sphere Master Data Management (MDM) V9.0 Platform for the Insurance Customer Information.
* Experience in handling **fraud and risk management** techniques.
* Experience in using VueJS ReactJS and NodeJS to develop single page applications (SPA).
* Experience in Node.js, Express.js, Mongo dB and Vue CLI/ React.js implementation and involved in Java Full - Stack / JEE application development.
* Independently integrate multiple APIs and new features using React + GraphQL stack.
* Developed Informatica Mappings using Source Analyzer, Warehouse Designer, Aggregator, and SQL overrides usage in Lookups, source filter usage in Source qualifiers, and data flow management into multiple targets using Router.
* Developed mock data generation feature that is integrated with Graph QL IDE interface to allow users to send queries against their custom generated schema and render mock results in order to familiarize users to the GraphQL syntax.
* Conducted comprehensive risk assessments to identify potential **security vulnerabilities.**
* Implemented Security in Web Applications using **Azure** and deployed Web Applications to **Azure**.
* Implemented basic token-based registration/login/logout flow with React Router v4 and used the JWT for the server-side user authentication
* Experience in building **Microservices** by using **Spring Boot.**
* Used Amazon Cloud Watch metrics to monitor the health and utilization of **AWS** resources.
* Experience developing different types of **Azure** Functions such as Http trigger, Timer trigger, Durable functions, Service bus trigger, Event-Hub trigger, and many others.
* Expertise in developing J2EE applications using Struts, **Spring Microservices**, JSP, Oracle, XML, JNDI, JDBC, HTML, JSF, AJAX frameworks (RichFaces, MyFaces), and ORM frameworks like **Hibernate**, JavaScript on Windows, Unix environments.
* Proficient in implementing security protocols like OAuth2 and SSL/TLS, ensuring robust authentication and secure communication in web applications.
* Proficient in developing high performance, scalable applications using **Golang**.
* Strong understanding of concurrency patterns and parallel processing in **Golang**.
* Analyze, transform, and validate files in streaming with **Java 17** spark.
* Set up/Onboard new projects, Components to continuous Integration, continuous Deployment/Delivery using DevOps automation.
* Experienced with Continuous Integration/Continuous Delivery tools such as GitBucket, bug-tracking tool JIRA and Jenkins to merge development with testing through pipelines.
* I possess significant expertise in developing web applications, utilizing a wide range of technologies and tools such as JDBC, Servlets, JSP, JSTL, Java Beans, MVC, Struts, JSON, Swing, RMI, EJB, JSF, JNDI, JMS, SOA, SOAP, Spring, Hibernate, JavaScript, AngularJS, AJAX, JAX-RS, XML, and HTML.
* Proficient in **Java 16** Multithreading, Collections API, Socket programming, and Swing programming.
* Extensive knowledge of MVC architecture and **J2EE** Design Patterns like Singleton, Session Facade, Service Locator, DAO, DTO, and Value Object in the development of web-based Enterprise Applications.
* Hands-on experience in Front-End technologies like AngularJS, Angular, Bootstrap, HTML 5, **ReactJS, NodeJS**, JavaScript, **CSS3**, jQuery, Tag Libraries, Custom Tags, Ajax, Ext JS for Responsive web design, **XML**, and XSLT.
* Hands on experience in Service Oriented Architecture Micro services, web services environment using latest J2EE webservices stack for REST JAX-RS -Jersey,CXF, gRPC protobuff on Netty, Non-blocking Asynchronous Spring reactive microservices, SOAP JAX-WS.
* Worked on RESTful API to create services, tested on Postman.
* Experienced in Azure **Kubernetes** service to produce production-grade Kubernetes that allow enterprises to reliably deploy and run containerized workloads across private and public clouds.
* Knowledge of Docker Components like **Docker Engine, Docker Hub**, Virtual Machine and Docker Registry, Docker containerized applications and deploying Chef-Server on AWS.
* Hands-on experience with application and Web servers **IBM WebSphere** Application Server, Oracle WebLogic, JBoss, Apache Tomcat, Oracle Web Tier, X5 Web Server.
* Excellent experience with major relational databases – Oracle 8i/9i/10g/11g, SQL Server, DB2, My SQL. And also in retrieving and manipulating data from the backend using Database SQL queries, PL/SQL- Stored Procedures, Functions, Sequences, Triggers, Views, and Packages.
* Good working experience in **No-SQL** Database including **MongoDB, Cassandra, Couch DB,** and **DynamoDB**.
* Designing and Developing Single Page web applications (SPA) using **AngularJS**, and **NodeJS** with other UI technologies/ libs such as Backbone, jQuery, and Bootstrap.
* Implemented various services in AWS like VPC, Auto Scaling, **S3**, Cloud Watch, **EC2**.
* Involved in Unit Testing Functional and Integration Testing for different modules in the application using JUNIT4, JUNIT5, and **Mockito**.
* Experience in using **Maven**, **Gradle**, Ant builds, and Visualization tools like Tableau.
* Hands-on experience with source control tools like **CVS**, Clear Case, **SVN**, **Git.**

**Technical Skills:**

|  |  |
| --- | --- |
| **Languages** | Java 17/ 16/ 11/ 8, J2EE, C, C++, Python, SQL, and PL/SQL, JavaScript, GraphQL, Terraform, Core Java |
| **XML Technologies** | XML, XSL/XSLT, JSON |
| **Web Technologies** | HTML 5, CSS3, jQuery, Ajax, Bootstrap, AngularJS, Angular2 /9 /10 /12 /13 /15, ReactJS, NodeJS, Typescript |
| **J2SE Technologies** | JSP, JNDI, JDBC, JSF, JavaBeans |
| **Frameworks** | Struts, Spring, Hibernate, Spring MVC, Spring IOC, Spring AOP, JMS, JSF, Log4J, Spring Boot, Spring Security |
| **Databases** | Oracle, MySQL, PostgreSQL, IBM Websphere, MongoDB, DynamoDB, Cassandra |
| **Development Tools** | Eclipse, Net Beans, IntelliJ, RAD |
| **Build / Testing Tools** | Junit, Maven, Mockito, Log4j, Selenium |
| **Containerization Tools** | Docker, Kubernetes |
| **Version Control** | CVS, SVN, GIT |
| **Web Servers** | Web Sphere, Apache Tomcat, Web Logic |
| **Web Services** | SOAP, Restful, Microservices Architecture |
| **Methodologies** | Agile, Scrum, CI/CD, Jenkins |
| **Cloud Technologies** | AWS, EC2, S3, ECS, Azure |

**EDUCATION:**

* Completed Bachelor’s in Computer Science from JNTUH in May 2012.

**PROFESSIONAL EXPERIENCE:**

**Client: Simmons Bank, Frisco, TX Oct 2022 – Till now**

**Role: Sr Java Full Stack Developer**

**Responsibilities:**

* Created **Typescript** reusable components and services to consume **REST API’s**.
* Using **Angular 12**, **Angular CLI, Webpack, HTML5, TypeScript, WIJMO, SASS**, and **CSS3**, I'm developing web applications for backend systems.
* Integrated **Actimize** solutions with core banking systems ensuring seamless data flow and real time monitoring capabilities.
* Implemented and configured **Actimize** financial crime management solutions to enhance fraud detection across financial institutions.
* Total deployment using AWS (ECS and EC2) focusing on maximum Uptime, Auto-scaling and increased Resiliency.
* Developed and maintained scalable data processing pipelines using Hadoop Distributed File System (HDFS) and YARN.
* Designed and implemented data warehousing solutions using **Apache Hive** to facilitate ad-hoc queries and reporting.
* Enhanced Legacy Application by building new components in **Angular 12** and **Typescript.**
* Prioritized security by implementing OAuth and OAuth 2 for secure authentication and authorization. Applied best security practices and regularly updated dependencies to address potential vulnerabilities.
* Implemented OAuth and OAuth 2 protocols for secure and standardized authentication and authorization processes.
* Create new mapping designs using various tools in Informatica Designer like Source Analyzer, Warehouse Designer, Mapplet Designer and Mapping Designer.
* Performed data manipulations using various Informatica Transformations like Filter, Expression, Lookup Connected and Un- Connected, Aggregate, Normalizer, Joiner, Router.
* Design and develop the application using **Angular 15** framework along with **HTML5, CSS3** and **Typescript**.
* Involved in various phases of the Software Development Life Cycle (SDLC) which includes requirement gathering, modeling, analysis, architecture design, and prototyping.
* Identify and address areas for improvement in end to end technical development, DevOps, Cloud lifecycle.
* Designing and developing API services using microservices architecture. Developed this service by creating and implementing GRPC proto services to generate object and methods on Fusion Core, Spring Boot, Spring Batch, JDBI, and RESTful API Services.
* Designed and Implemented micro services and RESTful API’s with **Golang.**
* Used **Golang** for database integration and third party API consumption.
* Utilized **Golang** concurrency features to optimise data processing pipelines.
* Developed the backend server with **Spring Boot,** involving different layers of the application including entity/model, DAO/repository, Controller, Service, Business, and Persistence.
* Worked on Installation, Configuration, Tuning, Backup, recovery and upgrade of **IBM web sphere.**
* Configured **IBM Webspere** resources for database JDBC providers and data sources.
* Used **Maven** to build and generate cde analysis reports and **Jenkins** for continuous integration. Developed test classes in **JUnit** for unit testing.
* Integrated **Power BI** with various data sources including SQL databases and cloud based platforms such as Azure and Google Analytics.
* Developed interactive **Power BI** dashboards to visualize complex data sets.
* Worked on Code builds, and code changes made in JavaScript, Python, and Shell scripts.
* Strong understanding of supporting **JSON**-based **RESTful** web services, integrating with the front end.
* Developed Web Application using **MongoDB**, **NodeJS** and **Graph QL**.
* Created GraphQL schema and queries to interact with **MongoDB** Database.
* Integrated Hashi Corp Vault via **Terraform** and used provisioners to execute scripts,
* Responsible for implementing monitoring solutions in **Terraform**.
* Collaborated with cross functional teams to integrate **Grafana** into existing monitoring and analytics workflows.
* Leveraged **Grafana** plugins and extensions to enhance visualisation capabilities.
* Developed responsive web applications using **Vue.js**, leveraging its component based architecture for scalability and maintainability.
* Implemented **Vue.js** directives to efficiently manage data binding and DOM manipulation.
* Designed and optimised user interfaces with **Vue.js** transitions and animations enhancing the overall user experience.
* Created custom dashboards and reports in **splunk** to visualise data and communicate key metrics and performance indicators to stakeholders.
* Developed custom **kibana** visualisations including line charts, bar charts to effectively communicate trends, patterns and insights.
* Worked on **GCP** services like compute engine, cloud load balancing, cloud SQL and cloud deployment manager.
* Setup **GCP** Firewall rules to allow or deny traffic to and from the VM’s instances based on specified configuration and used **GCP** cloud CDN to deliver content from GCP cache locations.
* Created advanced **kibana** queries using Elasticsearch Query DSL for analysis and reporting.
* Configured **Splunk** alerts to proactively detect and respond to critical events and incidents to enhance system reliability.
* Work with the various agile development teams to standardize branching and tagging of code in our repository and maintain code base integrity using **Subversion (SVN), Git.**
* Prepared Analysis document and followed **AGILE** software development with Scrum methodology.
* Extensively used **XML** and Java Architecture for XML Binding JAXB), to map java classes to XML representation.
* Developed the application on the **NodeJS** platform using JavaScript programming.
* Used **log4j** for tracking errors and debugging the code.Used Spring **JDBC** to access database and used Stored Procedures.
* Working on **Splunk** tool for monitoring all the **Kubernetes** clusters for efficient cluster visibility, proactive monitoring and triggering action.
* Implemented **Dynatrace** monitoring solutions to provide real-time visibility into application performance.
* Configuree custom dashboards and alerts in **Dynatrace** to identify and troubleshoot performance issues.
* Developed **CI/CD** system using Jenkins and Kubernetes environment.Utilized **Kubernetes** and **Docker** for the runtime environment for the **CI/CD** system to build, test and deploy.
* Responsible for implementing Rest based **Microservices** using Spring Boot, Spring Data, and Spring Security and deployed to AWS.
* Developed **microservices** with Spring and tested the application using **Spring Boot**, along with testing, I wrote code to make sure that the website was serving high quality images.
* Used **Spring Boot and Spring Security** to build microservices and deployed to AWS cloud.
* Used **Jenkins** as a continuous integration server to run automated test suites.
* Used **Jenkins** for continuous integration of builds.
* Created Gradle builds to build and deploy **Spring Boot microservices** to internal enterprise Docker registry.
* Created reusable components for the application and used props to pass data between parent and child component.CRUD development with **Java 17** and **PostgreSQL**.
* Monitored Websphere MQ 5.x/6.0/7.x servers and deployed **AWS** resources using CloudFront templates.
* Efficiently handled periodic exporting of SQL data into Elastic search.
* Configured and optimized **EMR** clusters to balance cost and performance for **Hadoop, Hive, and Spark** workloads.
* Worked on migrating an application to AWS Platform.Built and Deployed Docker images on AWS ECS and automated the **CI/CD** pipeline.
* Developed complex user interfaces and interactive web pages using **JavaScript**, **HTML 5**, **CSS** and **jQuery**.
* Extensively worked on **Java 17** integration and test API responses for WCS changes deployed continuously, validate Green Box and **MongoDB** data.
* Used **J2EE** and Java design patterns such as DAO, Value Object, Singleton and Factory.
* Developed Open stack API to integrate with Amazon EC2 cloud-based architecture in AWS, including creating machine Images and Docker Images, tagging, and pushing the images.
* Worked on **GIT** for version control and bug tracking. Responsible for design and maintenance of the Git repositories.
* Configured server side **J2EE** components like JavaBeans, **JSP** using NetBeans and deployments in Jboss Wildfly.
* Involved in developing and delivery of a Micro service application utilizing almost of the AWS Stack including **S3, EC2, DynamoDB**, Kinesis, SNS and SQS.
* Used J2EE and Java design patterns such as DAO, Value Object, Singleton and Factory.
* Performed Unit testing, Integration Testing, and generating test cases for web applications using **JUnit.**

**Environment:** Java 17, JDK, Java, Typescript, J2EE, Docker, JavaScript, Python, DevOps, GRPC, GraphQL, SRE, MDM, Informatica, Terraform, Spring Boot, Spring MVC, OAuth, OAuth 2, JWT, Spring AOP, Webservices, Apache, Microservices, GCP, Golang, IBM Websphere, AJAX, UML, Jenkins, Oracle, Junit, NPM, Maven, NodeJS, Bootstrap, Angular 12, Angular 15, MongoDB, RESTful API, GIT, Apache Kafka, AWS, Cloudfront, jQuery, Vue.js, Dynatrace, Grafana, Splunk, Kibana, CSS3, HTML5, XML, DHTML, YAML, Agile Methodology, IntelliJ IDEA, Spring, Spring Boot, J2EE, Junit, Restful, Gradle, SQL Server, Kubernetes, Elastic Container Service, AWS Lambda, ECS, DynamoDB, Simple Cloud Storage (S3)

**Client: Mckesson, Dallas, TX Jan 2021 to Sep 2022**

**Role: Sr Java Full Stack Developer**

**Responsibilities:**

* Gathered Requirements by interacting with Business users and Business Analyst
* Designed Prototype and project layout skeletons **jQuery, CSS3, HTML5, XML, DHTML** and **JavaScript**.
* Developed Single Page Applications (SPA’s) using **Angular12**. Created Multiple & Nested Views, Routing, Controllers, Services and Custom Directives, **Node.js,** Bower, and Grunt.
* Created a micro services architecture using **Golang** to improve the system modularity and maintainability.
* Utilized **Apache Pig** for scripting and processing large datasets with Pig Latin scripts.
* Designed and developed custom **MapReduce** jobs to process large datasets and generate insights.
* Developed unit and integration tests using **Golang** testing framework and ensured high code average,
* Leveraged Docker and Kubernetes for containerisation of **Golang** applications, streamlining deployment processes.
* Support for MDM real-time services infrastructure to send the data.
* Provide the reports for MDM data for Agent-Policy Relationships.
* Defect fixes and Code changes for MDM Customized services
* Educate, implement SRE core concepts to application teams, create awareness and provide visibility on the performance of the application using tools like Dynatrace and Splunk.
* Writing **Terraform** scripts from scratch for building Dev, Staging, Prod and DR environments.
* Integrated with **GraphQL** server by writing mutations and queries by using Apollo client.
* Integrated with Apache Tomcat for web application deployment.Implemented OAuth and OAuth 2 for secure authentication and authorization.
* Have performed Data Analysis using Informatica ETL tool involving simple and complex ETL mappings and handled ETL development activities
* Have provided Knowledge sharing sessions to the new resources on Informatica ETL tool and its usage in the project.
* Professional skills in authentication and authorization with Spring Security in the mode of LDAP, OAuth2, SAML, JWT (JSON Web Token)
* Did pilot migration of Dev/Test workloads via lift & shift to Azure using Azure Site Recovery.
* Built **RESTful** web service by building **Node.js** Server in the back-end to handle requests sent from the front-end **Angular15** components and AJAX calls.
* Designed and implemented **Splunk** data models to facilitate ad-hoc analysis and streamline data exploration processes.
* Leveraged **Power BI** RestAPI’s to integrate Power BI reports and dashboards into custom web applications.
* Used chef for configuration management of hosted intances within **GCP.**
* Setup databases in **GCP** using RDS, storage using s3 bucket and configuring instance backups to s3 bucket.
* Integrated **Splunk** with third party tools to automate incident response workflows and enhance operational efficiency.
* Implemented **Kibana** Timelion for time series analysis and forecasting and trend identification based on historical data.
* Contributed to the **Kibana** community by sharing custom visualisations or GitHub repositories.
* Designed and developed custom **Grafana** dashboards to visualise Data metrics such as network traffic and application monitoring.
* Designed and Implemented notifications systems in **Grafana** to monitor critical metrics and ensure proactive response to issues.
* Developed client websites in front end technologies such as SASS, Javascript, Gulp, Webpack, VueJS, React, GraphQL and Apollo.
* Leveraged **Apache Spark** for in-memory data processing, significantly reducing data processing times compared to traditional **MapReduce**.
* Developing plugins to interact from Jenkins to AWS. Set up/Onboard new projects, Components to continuous Integration, continuous Deployment/Delivery using DevOps automation.
* Integrated Vuex for centralised state management in large scale **vue.js** applications ensuring data consistency.
* Conducted extensive data analysis using **actimize**, generating comprehensive reports and dashboards to support compliance and fraud investigation teams.
* Managed regular maintenance and upgrades of the **actimize** platform, ensuring optimal performance.
* Utilised **Vue.js** for creating single page applications.
* Developed Controllers, Interfaces and implemented classes using **Spring MVC framework** also developed REST **protocol** with microservices architecture.
* Used JavaScript and **jQuery** for validating the input given to the user interface.
* Implemented **Rest API Design** Guidelines for the microservices for getting started with your REST API design.
* Worked on Project migration into cloud environment using **Kubernetes**.
* Built, tested, and deployed Identity microservices using a **Microservice architecture** that combines **REST, MQ**, and **Apache Kafka** message brokers with Spring Boot-based services.
* Configured **IBM Websphere** to produce and gather garbage collector logs.
* Developed **Spring boot** application with **microservices** and deployed it into AWS using **EC2** instances.
* Conducted deep dive analysis using **Dynatrace** AI powered root cause analysis capabilities to quickly pinpoint the source of performance bottlenecks and anomalies.
* Leveraged **Dyntrace** cloud monitoring capabilities to monitor hybrid and multi cloud environments.
* Updated **IBM Websphere** Application server, IBM http server and plug-in with latest fix packs.
* Worked on **Splunk** tool for monitoring all the **Kubernetes** clusters for efficient cluster visibility.
* Created **Jenkins** jobs to build and deploy the application in different environments using Maven.
* Automated the build process using **Github** and **Jenkins**.
* Extensively used **Java 16** multi-threading concept for downloading files from a URL.
* Used shell scripting and YAML scripting to build the Docker images in LINUX.
* Used **Microservice** architecture, with Spring Boot and **Microservices** interacting through a combination of REST and Apache Kafka message brokers.
* Primarily involved in Data Migration using SQL, SQL Azure, Azure storage, and Azure Data Factory, SSIS, PowerShell.
* Scalable data design for **MongoDB** and Redis. Worked on a pre-splitting mechanism using shard keys to distribute data across shards.
* Skilled in deploying J2EE applications on WebLogic Server, ensuring proper configuration for performance. Implemented OAuth, and OA…
* Created the **Nodejs** express server to build MVC framework from front-end side of AngularJS to back-end.
* Used Spring **JDBC** for accessing DB2 database. Involved in writing SQL, Stored procedures for back end.
* Applied data transformation rules to transform code from one format to another format using **NodeJS.**
* **Log4j** is used for logging Java applications for debugging and monitoring purposes.
* Using **Azure** App Services (Web Apps, Mobile Apps, API Apps) for scalable apps development
* Worked in an **Agile** environment using VSTS Git workflow and continuous integration
* Used **Hibernate** Transaction Management, Hibernate Batch Transactions, and cache concepts.
* Involved in implementing DAO layers using **JPA** standards and Hibernate **API** interfaces.
* **JSON** output was tested using Advanced REST Client or POSTMAN.
* Worked on **GIT** for version control and bug tracking.
* Performed Unit testing, Integration Testing, and generating test cases for web applications using **JUnit.**

**Environment:** Java 16, JDK, Java, Typescript, J2EE, GCP, Docker, JavaScript, Angular JS, MDM, Informatica, Terraform, SRE, GraphQL, DevOps, Python, Azure, Spring Boot, OAuth, OAuth 2, JWT, Spring MVC, Spring AOP, Hibernate, Microservices, Webservices, Apache, AJAX, Vue.js, Dynatrace, Splunk, Kibana, Grafana, UML, Oracle, Golang, Eclipse, IBM Websphere, Junit, NPM, Maven, NodeJS, Bootstrap, MongoDB, ECS, Jenkins, Kubernetes, RESTful API, Angular 12, Angular 15, GIT, Apache Kafka, jQuery, CSS3, HTML5, XML, DHTML, YAML, Agile Methodology.

**Client: State of Maine, Augusta, Maine. Nov 2018 to Dec 2020**

**Role: Java Full Stack Developer**

**Responsibilities:**

* Involved in analysis, design, coding, and development of the enhancements and change requests and delivered them on time.
* Involved in group meetings with Managers, Team Members in designing, implementing, and testing.
* Developed user interface using JSF, **HTML5**, **Angular10**, jQuery and performed client-side validations using Java Script, AJAX and CSS. Extensively used Java 11 such as Multi-Threading, Exceptions, and Collections.
* Developed **Spark** applications using RDDs and DataFrames to perform complex transformations and actions on large datasets.
* Integrated **EMR** with other **AWS** services, such as **S3**, Redshift, and RDS, for seamless data ingestion and processing.
* Designed and implemented Product search Java Spring boot service to fetch the data from Elastic help of Elastic native queries. Used **SOAPUI** for the functional testing and inspection and invocation of Spring-based Web Services.
* Involved in analysing **Microservices** architecture challenges, design analysis, development of the user stories, assigning tasks, testing the application.

## Involved in analysis, design and development using Agile Methodology and developed specifications that include Use Cases, Class Diagrams, Sequence Diagrams and Activity Diagrams.

* Work with the various agile development teams to standardize branching and tagging of code in our repository and maintain code base integrity using **Subversion (SVN), Git, Bitbucket**, **clear case and Team Foundation Server (TFS).**
* Designed and developed the application using the framework **Angular** with **HTML5, CSS3,** and **Typescript**.
* Developed single page applications using **Angular 8**, **Typescript**, **HTML5**, **CSS3** and **Bootstrap**.
* Designed and developed **RESTful** XML web service end points-based business components in Microservices by using **Spring Framework.**
* Developed the user authentication and authorization by using Spring Security Auth2.0 and JSON Web Token (JWT)
* Implemented **REST web service** in Scala using for log tracking application.
* Automate DataDog Dashboards with the stack through **Terraform** Scripts.
* Deploy and manage applications on JBoss/Tomcat J2EE server. Managed the codebase using **GIT**
* Identified usability and develop functional and smooth, easy-to-operate, and eye-catching web applications using EXT JS, and **Angular9**.
* Worked on **AWS** infrastructure with orchestration tools such as CFT, Sceptre, Terraform and **Jenkins** Pipeline.
* Deployed using **Spring Boot Microservices** in Docker and Amazon **EC2** container using Jenkins..
* Module and Unit Level Testing with **JUnit** and **log4j**.
* Used **JDBC** to access Oracle Database and used Stored Procedures.
* Strong understanding of supporting JSON-based RESTful web services, integrating with the front-end.
* Worked on Single node/Multi-cluster setup using technology **NoSQL** and **MongoDB**.
* Deployment and data migration on **AWS**. Implementation & design of bean orchestration using Apache Camel.
* Wrote Python scripts to parse **XML** documents and load the data into the database.
* The application front end is hosted on **AWS S3** fronted by Cloudfront CDN.
* Utilized **Java 11** concepts like Collection, Multithreading, and Exception handling to develop business components
* Used Design Patterns like Singleton, Factory, Session Facade, and DAO. Used Maven to build, test, and deploying purposes.
* Worked on end to end setup of the Artifactory pro as a Docker container with a secure private Docker registry and local Docker repositories for storing the built Docker images.
* Used **JIRA** to track the progress of the project.
* Designed and Developed the Automation Testing Framework using **Java 8**, Selenium Web Driver, and Testing Automation Framework.
* Update the data from the **PostgreSQL** database automatically by the time detective function.
* Used **Log4j** for logging and debugging and JUnit extensively for testing. Deployed application using **AWS** services.
* Automated test cases using Selenium.

**Environment:** Java 11, Java 8, Terraform, J2EE, CI/CD, Spring, JSF, Prime faces, Webservices, Microservices, Restful, SoapUI, Cucumber, Apache, Tomcat, JMeter, JUnit, AWS, JWT, Golang, Typescript, Elastic search/NoSQL, Scala, MongoDB, Jenkins, HTML, DevOps, PYTHON, CSS, Scrum, Perl, JavaScript, Bootstrap, jQuery, Angular JS, Angular9, Angular10, Maven, AJAX, XML, XSLT, Java Beans, Responsive Web Design, UML, Design Patterns, log4j, Agile Methodology, Python, Django, Selenium.

**Client: Lowe’s, Dallas, TX June 2016 to Oct 2018**

**Role: Java Full Stack Developer**

**Responsibilities:**

* Worked extensively on the spring framework, implementing spring MVC, spring security, IOC
* (dependency injection), Spring AOP, and Spring Boot.
* Designed and implemented applications as **Microservices** using Spring Boot and Hibernate.
* Using the **Hibernate framework** and the **Apache Kafka** producer and consumer, events relevant to microservices were captured and logged.
* Used spring framework with **Hibernate** as Persistence framework mapping the ORM objects to tables with Hibernate transaction control.
* Involved in creating and extracting data from database using SQL Queries, PL/SQL Stored procedures, triggers, and packages on Oracle database.
* Experience with **Node.js** utility libraries such as Express, Async, Grunt, and Bluebird.
* Implemented Restful Web services to retrieve data from the client-side and made **REST API** calls & parsed the data to project to the client.
* Followed **Agile** Methodology and Scrum meetings to track, optimize and develop sequence diagrams depicting method interactions.
* Worked as a part of **Agile** Software Development Methodology including Scrum technology.
* Worked with **React JS** and **Redux** to build a responsive UI that provided a dynamic view of API data, Viewed changes in virtual DOM with Graphical visualization tool.
* Implemented **React.js** code to handle cross browser compatibility issues in Mozella, IE 7, 8, 9, Safari and FF. Used Babel plugin tool for conversion of ECMA versions to support all type of browsers.
* Familiarity with development best practices such as code reviews, unit testing, system integration testing (SIT), and user acceptance testing(UAT).
* Used **XML** to transfer the application data between client and server.
* Coded multiple **Azure** App Services **REST-based service** functionality in C#.
* Managed and created Storage Account and Affinity Group in **Azure** Portal.
* Designed, Configured and deployed Microsoft **Azure** for a multitude of applications utilizing the **Azure** Stack.
* Implemented the caching mechanism in **Hibernate** to load data from the database, and maintained mapping files of ORM while implementing the transaction control layer.
* Developed web components using MVC pattern under **Struts** framework.
* Prepare **Java/J2EE** development structure for Eclipse, maven, and Jetty.
* Used **Jira** as a ticketing system for logging and monitoring tickets.

**Environment:** Azure, EC2, Java, Spring, Hibernate, CI/CD, Docker, Microservices, React JS, J2EE, JSP, JSTL, jQuery, Oracle, Graph QL, SVN, Web Logic, Node JS, Scrum, Eclipse, Ant, Apache Tomcat, SVN, REST, JSON, SOA, J2EE, Git , Web Services.

**Client: Dish Network, Chicago, IL Nov 2013 to May 2016**

**Role: Java Developer**

**Responsibilities:**

* Developed front-end code with Ajax calls in **AngularJS** and jQuery to retrieve data as JSON Object from controllers in the back-end RESTful Server. Extensive experience using framework APIs like Struts, SPRING and **Hibernate.**
* Used **RESTful** web services using **jQuery** and **Angular** to fetch response data on user request.
* Worked on the SPRING framework like SPRING IOC, SPRING DAO, SPRING ORM, and Spring Integration.
* Expertise in Multithreading, Remote Method Invocation (RMI), EJB, and **Java 8** Beans.
* Worked extensively on **SPRING MVC** framework to develop a new internal web application.
* Used **Spring AOP** components for the Logging, Exception handling, and Transactional Models.
* Used **Spring Boot and Spring Security** to build microservices and deployed to AWS cloud.
* Followed **Agile** methodology in analyzing, define and document the application which will support functional and business requirements.
* Followed **Agile** methodology to Coordinate the efforts with Functional Architects.
* Developed stored procedures, triggers, and functions with PL/SQL for Oracle database.
* Design PL/SQL batches using **Core Java** with connectivity to Oracle for data maintenance and handling.
* Designed and developed files refresh and card product utility applications using **Core Java**.
* Developed and executed SQL queries for testing database integrity and data analysis using **Selenium**.
* Involved in the development of backend Logic or data access logic using **Oracle DB** & **JDBC**.
* Developed API using **Hibernate** to interact with the Oracle database.
* Developed automated regression test cases in **Selenium** WebDriver using Java programming language.
* Used WebLogic for design, development, and deployment of applications.
* Created **Git** repository and added the project to **GitHub.**
* Responsible for implementation of **java 8** integration components for JBPM and DROOLs.

**Environment:** Java 8, J2EE, SPRING, Hibernate, Struts, WebLogic, Restful, jQuery, AJAX, JavaScript, JSP, JSTL, Servlet, Microservices, Oracle, CRUD, PL/SQL, JIRA, Angular, GWT, JDBC, AWS, MongoDB, NodeJS, Adobe (CQ5), Bootstrap, Core Java, JBPM, NoSQL, UML, Eclipse, Junit, Maven, Agile, Scrum, SOA, JIRA, Git, Selenium.

**Client: Mithra Software Solutions India Pvt. Ltd. – India. Jan 2013 – Sept 2013**

**Role: Java Developer**

**Responsibilities:**

* Involved in the gathering of system requirements.
* Developed core java programs for all business rules and workflows using **spring** framework.
* Utilized **Core Java** collection lists, Sets and Maps and advance core java.
* Extensively used **Core Java** collections and concurrency to improve the performance of the applications and to schedule tasks using multi-threading.
* Prepared specification requirements documents (SRS).
* Designed Business Object Model, which involved using Rational Rose to generate class diagrams and sequence diagrams.
* Worked in building re-usable forms with their validations using **React** with **Redux Architecture**.
* Integrated the Model View Controller architecture into the application and created the data layers using the **React Flux architecture**.
* Utilizing **Agile** process to streamline development process with iterative development.
* Closely worked with developers and product owners in **Agile** Environment using technical stories to create automated API’s.
* Involved in developing SOA-based application with distributed multi-tier applications that had presentation, business logic, and persistence layers.
* Responsible for setting development environment using **Web Sphere**.
* Employed Model View- Controller (MVC) architectural design pattern.
* Used **JSP** and **JSTL** technologies to implement the presentation layer.
* Developed the login servlets and related session beans which is responsible for initial authentication of the different types of users supported by the system (admin/manager, etc.).
* Involved in implementation of the controller layer based upon **Struts** controller.
* Implemented Jersey and Spring to develop **Restful Web Services**.
* Involved in developing the core business logic using spring.
* Extensive experience on the back end to modify business logic by making extensive enhancements.
* For improved data consistency, input data validation was performed using client-side scripts, server-side checks, and database triggers.
* Implemented the logging framework in the **SOA** environment.
* Involved in the business logic-coding framework to seamlessly map the business logic into respective value bean.
* Involved in **JUnit** testing while deploying the application to Quality Assurance.
* Used **SVN** for Version Control.

**Environment:** Java, Spring, Spring Boot, Core Java, Hibernate, Oracle DB, Log4j, Maven, RESTful Web Service, HTML5, React JS, JavaScript, and Git.