**AFRIDI MOHAMMAD**

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**Sr. Java Full Stack Developer/ Sr. Node JS Developer/ AEM Developer**

**SUMMARY:**

* **AWS Full Stack Java** Professional with around **9** Years of extensive IT experience in all phases of Software Development Life Cycle (**SDLC**) which includes development, design, analysis, testing and Integration of various web based and client/server applications in multi-platform environments with **JAVA**/**J2EE** technologies.
* Worked on Java version 8, 9, 11.
* good understanding of leveraging **Azure** and **Amazon Web services** to develop, implement, and operate highly available, scalable, and fault-tolerant systems.
* Expertise in Core **Java** concepts, such as Object-Oriented Design (**OOD**)/Object-Oriented Programming (**OOP**) skills, Multi-Threading, Generics, Exception **Handling**, **Collections**, **Java Reflection**, Annotation and some new features in Java 8.
* Extensively used the JavaScript frameworks like **Angular.JS**, **Vue.JS**, Bootstrap, **Node.JS**, Angular, **Typescript**, **JQuery** and **React.JS**.
* Automated API testing and deployment by integrating **Swagger** into **CI/CD** pipelines using technologies like **Jenkins** and **CircleCI**.
* To speed up API development, I worked with **Swagger** integrations for well-known frameworks like **Node.js, Java, and Python**.
* Hands-on experience with **Adobe CQ/AEM WCM** technologies to construct content management solutions.
* Custom **CQ** components were created on top of **JCR** (the Java Content Repository), **Apache Sling** (a REST-based web development framework on top of JCR), **CRX** (Day's commercial JCR Implementation), and **CQ5** (Day's most recent set of **WCM**, **DAM**, and social collaboration applications).
* Expertise in developing custom components, page templates, components and workflow components in **CQ5.x**.
* Hands on experience in building and deploying enterprise level Web Content Management solutions on Adobe **CQ 5.4, 5.6** and **AEM 6.0,6.1, 6.2**.
* Proficient in developing Custom bundles and Servlets on **Felix**.
* ﻿﻿Expertise with setup and development of GUI using **CQ5** and **Ext JS**.
* ﻿﻿Hands on experience in setting up or upgrading complex **CQ** environment with expertise in **CQ5** Author, Publisher and Dispatcher administrations.
* ﻿﻿Proficiency in deploying n - tier Enterprise / Web applications using **IBM WebSphere, WebLogic** and Apache Tomcat.
* ﻿﻿Knowledge on **CQ** Mobile development concepts like **server-side Mobile API**, Mobile Components, Emulators, Device Groups, Device Detection and Mobile request processing. Extensive experience in **CQ, DSP**, JSP and Display Tag for User Interface Development.
* Have a good understanding of Social Collaboration and Campaign Management with CQ.
* Good understanding of Java content repositories, sling request processing and **OSGI** bundles.
* Efficient use of various design patterns such as **MVC** (Model-View-Controller), **Singleton**, Service locator, **DAC** (Data Access Object), **DTO** (Data Transfer Object), and Business Delegate in the development of distributed Enterprise Applications.
* ﻿﻿Expertise in JavaScript libraries and frameworks such as like Angular JS, Node.JS, EXT.JS, Require JS and Backbone JS.
* Proficient in using various IDEs like **CRXDE**, **CRXDE-Liteand Eclipse.**
* ﻿﻿Expertise in developing integrated business applications using **Hibernate**, **Spring** **framework**, **Struts**, JSF Framework and Web Services (**AX-WS, JAX-RPC, JAXP, JAXB**).
* ﻿﻿Capability to build tables, stored procedures, indexes, create jobs in **SQL Server**, use **SQL Server Management** Studio and tools such as query analyzer, activity monitor and query profiler.
* ﻿﻿Experience with **SDLC** process (Agile, Waterfall models) in performing detailed analysis, collecting use cases and documenting requirements.
* ﻿﻿Good experience in coordinating and working with developers and End Users in team-based environment.
* ﻿﻿Experienced in analyzing the workflows between database and the business logic and customize as per the requirement using DB Queries.
* Created the business applications in **Scala**.
* Working knowledge of creating remote portlets in **WebLogic** portal workplaces (WSRP) 9.2, 10.2, 10.3.
* Knowledge of setting up and configuring the **WebLogic** Portal server.81, 9.2, 10.3.
* Used **Java Scala Groovy**, and **J2EE** technologies to test applications with three and more tiers of components.
* **Kafka Steams**, streams API, DSL, and KSQL were used to implement stream processing.
* Hands on experience in Web Application Development using Client Script design technologies like **React JS**, React native, **Typescript**, **Node JS, Angular JS**, **Vanilla JS**, **JQuery** as well as **HTML, CSS, XML, XSLT, Java Script**, **Kubernetes**, **Oracle DB.**
* Experience in developing the Enterprise and Web applications using **Java**/**J2EE** and java-based technologies such as **Servlets**, **JSP**, **Hibernate**, **Spring**, **EJBs**, **Struts**, **Web**-**Services**, **Java** Mail, XML, JPA, **JMS**, and JDBC.
* Knowledge of building microservice pipelines with **Openshift** and **Kubernetes**.
* Working knowledge of **Pycharm**, **PyScripter**, **Spyder**, **PyStudio**, and **PyDev** among other Python IDEs.
* Experienced in creating server-side generated web apps in **Django** and **Python** using HTML and CSS.
* A pretty good experience on cloud infrastructure and services like AWS in hosting micro-services migrated applications.
* Experience in implementation of design patterns like MVC and Micro services, Factory, Abstract Factory, Singleton, Business Delegate and Data Access Object etc.
* Used Vue.js routers for navigating to different pages and component-based for developing reusable components.
* Developed certain features of application functionality using Angular.JS, React.JS, Vue.JS, and Bootstrap.
* Experienced in developing front end applications using **HTML**, **HTML5**, **XML, XHTML, DHTML, CSS**, CSS3, **Bootstrap**, **SAAS**, **JavaScript**, **DOM**, **jQuery**, **Ajax**, **JSON**, and **JSP**.
* Experienced in working with **AWS** Cloud platform and its services like: **EC2**, **S3**, **EBS**, **VPC**, ELB, **Dynamo DB**, **AMI**, RDS (Aurora), **IAM**, **SNS**, **SWF**, **SES**, **ELASTIC BEANSTALK**, **Route 53**, Auto scaling, **LAMBDA**, Cloud Front, **Cloud Watch**, **Cloud** Trail, Cloud Formation, OPS Work, Security Groups, other cloud services, Cloud Foundry.
* Develop backend Services using **Node JS** and **Java** to provide the business logic for supporting the frontend components.
* **RESTful** **web services** and successful implementation of **Apache** **Spark** and **Spark** streaming applications for large-scale data used to develop remote integration with third-party platforms.
* Experienced in ReactJS and working with React Flux architecture. Utilized NodeJS for routing and navigation, components, and services.
* Experienced in using **React Redux** for state management.
* Experience in implementing Web Services based in Service Oriented Architecture (SOA) using SOAP, RESTful Web Services, JAX-WS, UDDI, **WSDL**. Solid understanding of **Micro Services, Spring boot, Pivotal Cloud Foundry**.
* Expertise in building server-side **Java Script** framework using Node (Express JS).
* Hands on experience in deploying applications using Application/Web servers like **Jboss**, Apache Tomcat, WebLogic, Glassfish, and IBM Web Sphere.
* Expertise in creating Single Page Application (SPA) and reusable components in **Angular 2/Angular4**.
* Expertise in Web Front End Technologies Tag Libraries, **JSTL**, **Java Script**, **DHTML** and **XML/XSL**.
* Good Knowledge in writing **ANT**, Maven build scripts, providing logging facility using **Log4j**, Writing **JUnit** test cases and used Clear Quest, **JIRA**, **Bugzilla** for bug tracking.
* Coordinating with the Quality Assurance team and resolving the QA defects.

**EDUCATION**:

Bachelor’s in computer science and Engineering, India. 2014

**TECHNICAL SKILLS:**

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| Platforms | Windows 8/9/10/11, Linux, Mac OS |
| Programming | JDK1.6, 1.7,1.8, Java, J2EE, Python, R, C, C++, HTML, DHTML, CSS, SQL, Scala |
| Server Scripting | JSP1.2,2.1, JSP-EL, JSTL, Custom Tags, Node JS |
| Client Scripting | JQuery 1.8,1.9, D3.JS, Angular 2-7, JavaScript, CSS2, CSS3, bootstrap, HTML4, HTML5 |
| Cloud Technologies | AWS, Azure, Kubernetes, Apache Kafka |
| Java/Python Frameworks | Spring 4.2, Spring Boot, Hibernate, Servlets, Pandas, Django, Flask, Docker, Kafka, PHP |
| Database Tools | Toad for Oracle, MySQL, MS-SQL, SQL developer |
| Databases | Oracle, MS-SQL Server, MySQL, Mongo DB |
| Version Control | Tortoise SVN, Rational, Bitbucket, Git, GitHub, CVS |
| Server/Client Build Tools | ANT 1.9, Maven, Gradle Continuous Integration Jenkins, Hudson, Bamboo |
| Webservice Specifications | JAX-RPC, JAX-WS, JAX-RS |
| Webservice Tools | SoapUI 4.0,5.1, TcpMon |
| Testing Tools | Jasmine, Mockito, Selenium, JUNIT, JMeter, LoadRunner, SoapUI |
| Applications/Web Servers | WebLogic 8.1, 10.0, JBoss 4.0, Tomcat 5.0, 6.0, 7.1 |
| ORM Frameworks | Hibernate 3.0, 3.1, 4.1, TopLink |
| Defect Tracking | JIRA, Bugzilla, Rational ClearQuest |
| CMS | Adobe CQ 5.4, Adobe CQ 5.5, AEM 6.0, AEM 6.1, 6.2, 6.3, 6.4, 6.5, CQ5 DAM, APIs, CQ Tagging, AEM Designer, Apache sling, Adobe target |

**PROFESSIONAL EXPERIENCE:**

**Client: CVS, Arlington, VA. Oct 2021 – Till Date**

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

**Responsibilities:**

* Involved in various phases of Software Development Life Cycle (**SDLC**) of the application like Requirement gathering, Design Analysis, and Code development.
* Involved in deploying systems on Amazon Web Services (**AWS**) Infrastructure services EC2. And Utilized most of the AWS services like S3 as a data store for storing the files that falls into the bucket, IAM roles, Elastic Bean Stalk, generated Lambda Functions to trigger an event that occurs in **S3**, Code Commit as a Version control service, AWS CloudWatch.
* Implemented AWS IAM for managing the credentials of applications that runs on EC2 instances.
* **Python** Web services were developed to handle **JSON** and interface with the Data layer.
* Built web application using **Vue.js** and Firebase.
* Designed and developed the REST based **Micro Services** to create, read, update and delete information on a server with simple **HTTP** calls using the Spring Boot.
* Created forms and sessions using **NodeJS** and **ExpressJS** store the user data and provide dynamic views based on the users.
* proficiency with **TypeScript**, the main language used to create Angular applications.
* **Angular** CLI, a potent command-line interface for setting up and managing **Angular** projects, should be familiar to you.
* proficiency with testing Angular applications with software like Jasmine, Karma, and Protractor.
* knowledge of the **Java** heap, garbage collection algorithms, and memory leaks, as well as proficiency with Java memory management.
* Java performance tuning expertise, including the ability to locate and fix performance bottlenecks, optimize Java code, and use profiling tools.
* solid knowledge of the principles of service-oriented architecture (**SOA**), including service composition, service governance, and service discovery.
* experience with SOA technologies like **SOAP**, **REST**, and Web Services to design and implement service-oriented solutions.
* knowledge of technologies like **MuleSoft**, Apache ServiceMix, and WSO2 for Enterprise Service Bus (ESB) and Service Registry.
* Worked with **Angular's NgRx** state management library, which is a widely used state management framework.
* To save the timestamp in a database and transform it to GMT, Used **Node JS** used along with date format and moment packages. writing unit test cases as part of test-driven programming.
* Knowledge of setting up and managing **database instances**, **enhancing performance,** and guaranteeing high availability for cloud-based database services like **AWS Aurora**.
* Capable of creating scalable and maintainable web apps using **Typescript**.
* Learn about how to use **Typescript's** static typing, interfaces, and modules to enhance developer efficiency.
* used **Typescript** to create applications using **Angular, React, and Node.js** as frameworks.
* knowledgeable about using **AWS Lambda** to plan, create, and launch serverless apps.
* Proficient in writing **Lambda functions** in a variety of programming languages, including Java, Python, and Node.js.
* Able to easily connect **Lambda** functions to Amazon services like **API Gateway, S3, DynamoDB, and SQS**.
* understanding of setting up and managing disaster recovery plans, point-in-time recovery, and replication utilizing streaming or logical replication for **Postgres** databases.
* Installed **Weblogic** **Portal** **server** 10.3.1 and set up the content management system, users, groups, and responsibilities.
* On **Weblogic** **10.3**, I worked on inter-portlet communication using event listeners, a file-based portal, and a streaming portal.
* As part of the creation of the application, **WebLogic** **Workshop 10.3** was used to create Java page flow, struts, and webservice portlets.
* knowledge of Postgres extensions, including **pgAdmin**, which offers a graphical user interface for managing Postgres databases, and **PostGIS**, which enables the processing of spatial and geographic data.
* experience with database migrations, such as upgrading to newer versions of a database or migrating data between other database systems.
* working knowledge of different database tools, including **MySQL Workbench, pgAdmin**, and **AWS RDS** Console.
* **Built Restful webservices** by structuring JavaScript code with **Node JS**.
* Extended the basic **Node JS** modules and elements with newly created generic modules and components.
* Configured and installation of **AEM 6.4** & **6.5** on the various development, production, QA and predevelopment servers.
* For clients in a variety of industries, including (name particular industries), I developed and implemented **AEM forms** utilizing the **AEM Forms** Designer to construct adaptive forms, **XFA forms**, and PDF generation functionalities.
* Custom metadata schemas and attributes were created and managed in **AEM Assets** to ensure accurate asset metadata capture and speed up asset search and retrieval.
* To improve asset delivery across various channels and platforms, including as the web, mobile, and social media, **AEM Assets** implemented asset renderings, including image, video, and document renditions.
* Using Adobe LiveCycle Data Services (**LCDS**) and RESTful web services, we have integrated **AEM forms** with back-end databases and **CRM systems**, providing smooth data flow and system integration.
* increased form functionality and user experience by customizing **AEM forms** using Java, JavaScript, and OSGi to design new renderers, extend workflows, and create custom components.
* Creating components and dialogs as per the requirement.
* Used Sightly in **AEM 6.4 and 6.5** for highlighting is focus on keeping your markup beautiful, and thus maintainable, once made dynamic.
* Creating servlets for backend services like forms, sending the user information to the **dealer's** through automatic email and populating the **dealer's** information from the services. Responsible for coordinating with the dev team and perform build and deploying the components.
* Clearing cache at webserver level for the staging environment when build. Worked on **Adobe DTM** integration with **AEM** and with the **Target** too.
* Utilizing migration techniques like in-place upgrades, content migrations, or code migrations, on-premises **AEM environments** were successfully and smoothly transitioned **to AEM as a Cloud Service**.
* AEM Cloud Manager was implemented, enabling effective DevOps procedures and streamlined deployment procedures. This included building and managing **AEM pipelines**, deploying AEM code and configurations, and controlling AEM environments using the Cloud Manager console.
* Experienced working on personalization using **DTM** and **Adobe Target.** Worked on website translation from English to Spanish language using **AEM**.
* Designed the migration of **Ionic** app to **react native** platform with **Redux**.
* ﻿﻿Experienced setting up the dispatcher cache at the webserver level using flush agent. Designed and develop user interface using **Bootstrap, Query, HTML5, CSS3, JavaScript** etc.
* Participating in daily scrum meetings, story discussion, story points and in sprint planning.
* Experience in writing **JUnit** test cases and suits using **Eclipse IDE**.
* ﻿﻿Experienced using graphics designers creating and laying out publications and posters.
* ﻿﻿Experience with Agile process methodology and Scrum methodology.
* Setup and configure Authoring and Publishing environments, replication agents, AM dispatcher to cache the landing pages **HTML** and serve as the static pages from **Apache**.
* Automated API testing and deployment by integrating **Swagger** into CI/CD pipelines using technologies like **Jenkins** and **CircleCI**.
* The implementation of continuous integration (**CI**) and continuous deployment (**CD**) processes involved a great deal of effort on Jenkins.
* Worked on **Ext JS** with Restful and Soap web service technologies.
* Developed, maintained and supported font end applications based on **Ext JS** **4/5/6**.
* Tested and deployed using **Amazon EC2** in the lower environments like Dev, INT, and Test.
* The user credentials were kept up to date using **Amazon IAM**, which was also utilized to develop unique IAM policies for the various groups established inside the firm.
* Employed best practices while designing and creating Restful APIs and services for communication between **microservices** and the front end. Using **spring rest** and **spring MVC.**
* Enhanced the system to improve user experience and developed functions to acquire data from REST Web service using Angular 2 and HTTP Observable.
* a working knowledge of **Java 11** features including the var keyword, nest-based access control, and **HTTP** client.
* Understanding of the new **Java 11** APIs, including **ProcessHandle** and **HttpClient** APIs, and how to utilize them to enhance the security and performance of applications.
* knowledge of **Java 11** technologies like **Flight Recorder**, which enables application profiling and debugging in live scenarios.
* knowledge of Java 11 libraries and frameworks, including **Spring Boot 2.3** and **Hibernate 5.4**.
* knowledge of the Java 11 migration procedure, including how to resolve any backward compatibility problems.
* Used Angular http service to consume **RESTful** services.
* Used various **Angular** UI Bootstrap components such as calendars, masks, maps, sliders, alerts, modal dialogs etc., for developing the UI. Spring
* Worked on **Java**/**J2EE** Coding for Portal Applications and Tomcat Web server for hosting web apps. Used Git version control system to manage different builds for the system Application backend implemented as node.js express application server.
* Worked on Database management systems like Amazon RDS, configuring & tuning the DBMS with the middleware systems.
* Implemented the caching mechanism in Hibernate to load data from database, maintained mapping files of **ORM** while implementing transaction control layer.
* Used **Spring IOC** for dependency Injection providing object factories, service objects, and DAO objects.

**Environment:** Linux/Windows, React, React Native, AEM6.4, AEM 6.5, Apache sling, Adobe Target, Node JS, Java 8, Java 11, Spring, GIT, AWS, Cloudwatch, Angular, Groovy, Python, Pandas, SOAP/SOAPUI, XML, XSTL, Hibernate, JMS, Apache Maven, Web services, JAXB, Ionic, EXT JS, JAX-SON, Angular JS, SLF4J, Firebug, JSPs, Servlets, HTML5/CSS3, XML/JSON, PL/SQL, Oracle 11g, Postman.

**Client: Oportun, Houston, TX Nov 2019 – Sep 2021**

**Role: Full stack Developer**

**Responsibilities**

* Installed and configured version 6.1 of **Adobe Experience Manager** Web Content Management System and **Apache Felix Admin** Console.
* ﻿﻿Created components using Sightly HTML Templating Language by replacing the Traditional Java Server Pages (SP).
* ﻿﻿Designed templates of the website using the framework and developing custom components, widgets as per the requirements.
* ﻿﻿Installed **CRXDE** Integrated development environment and configured the project with subversion control.
* ﻿﻿Setup and configure Authoring and Publishing environments, replication agents, Apache rewrite rules for routing the calls to **CQ5**.
* ﻿﻿Implemented i18n internationalization in the website.
* ﻿﻿Made reusable Angular directives and filter packages which holds the custom functionality related to the project and used it in various internal applications to make use of its data for reporting and dashboard development purpose.
* ﻿﻿Worked on Multi Site Manager (**MSM**) to develop live copy from blueprint, such that the structure and content can then be used on the Live Copy.
* ﻿﻿Designed **DAM** taxonomy and tagging for the website.
* ﻿﻿Worked on clipped apps component which pulls data from external **J2EE** apps, web services.
* ﻿﻿Utilized **GIT** as version control to restore assets to previous versions later and integrated with Jenkins for continuous integration.
* Provided estimations for the tasks to be assigned and created Design Documents for the tasks assigned.
* Used spring's native support for developing **the authorization logic**.
* ﻿﻿Worked on creating Security groups in **AEM**.
* **AEM Assets** has been set up and connected with other Adobe products, including Adobe Creative Cloud, Adobe Marketing Cloud, and **Adobe Analytics**, to facilitate seamless asset creation, management, and publication workflows throughout the **Adobe Experience Cloud ecosystem**.
* In order to gather requirements, create asset processes, and execute asset management strategies in **AEM Assets** while ensuring alignment with business goals and objectives, I worked with cross-functional teams, including creative, marketing, and IT teams.
* ﻿﻿Made use of Site Catalyst to enable the data analytics and marketing.
* ﻿﻿Integrated with a shared globally accessible repository for shared permissions-based digital media assets using **CQ5 DAM**.
* To guarantee optimum performance and dependability of **AEM systems in the cloud**, scalable and high-availability architectures were implemented, including setting up auto-scaling, load balancing, and caching methods.
* To guarantee data security and compliance with industry standards and regulations, security best practices and compliance measures were implemented in the **AEM Cloud Service**, including setting up secure communication, managing access controls, implementing SSL certificates, and configuring cloud-based security services.
* ﻿﻿Setup and configure Dispatcher to cache the landing page html and serve as the static pages from **Apache**.
* ﻿﻿Built and deployed **OSGi** bundles. Configured **SMTP** server settings.
* ﻿﻿Created custom **OSGi** services and servlets using Eclipse IDE with Maven.
* Successfully handled JSON/XML data and carried out **JSON/XML** parsing for form submissions and **DOM** manipulation.
* ﻿﻿Developed **mobile site Dialog** and mobile Template.
* ﻿﻿Have expertise knowledge on **JIRA**.
* ﻿﻿Experienced in **AEM** architecture and associated technologies like **Sling, OSGI, Felix, JackRabbit, JCR**, and **CRX**.
* ﻿﻿Worked extensively on front-end technologies on HTML, CSS, JavaScript, JQuery and Hibernate frameworks.
* knowledge of using Amazon services like **CloudWatch**, **CloudTrail**, and **AWS Config** for monitoring and logging.
* managed form templates, set up form data capture, and configured **AEM forms** on cloud-based platforms like Adobe Experience Manager as a Cloud Service. Administered **AEM** forms environments.
* Using troubleshooting abilities and expertise in **AEM** forms, I investigated and fixed form rendering issues, form submission errors, and integration issues, assuring the seamless operation of forms and quickly resolving issues.
* By using project management techniques and abilities, such as **Agile or Scrum**, to plan, carry out, and complete **AEM forms** projects on time and within budget, project success is ensured.
* Knowing and being able to use AWS **CodePipeline**, **CodeCommit**, and **CodeDeploy** to construct Continuous Integration/Continuous Deployment (CI/CD) pipelines.
* Created and rolled out **OSGi** packages. settings for the **SMTP** server.
* With the **Eclipse** **IDE** and **Maven**, customized **OSGi** services and servlets were produced.
* Knowledgeable with the **AEM** architecture and related technologies, such as **Sling**, **OSGI**, **Felix**, **JackRabbit**, **KCR**, and **CRX**.
* Designs and coordinates **Postgre SQL** database administration, including database definition, structure, documentation, long-term requirements, and operational procedures, to ensure accurate, suitable, and effective use of data.
* Establish new and old **Postgre SQL** databases, test them, monitor them, upgrade them, and fine-tune them.
* Optimized microservices using **node JS** and **ES6** as interfaces to Cassandra NoSQL database.
* experience building **Restful** web services using front end **Javascript** tools like **Angular** **JS** and **Node JS**.
* Effective web design uses **Bootstrap, Angular JS, React JS**, and **Node JS**.
* JQuery and Node JS were implemented to give the application dynamic features.
* Knowledge of building microservice pipelines with **Openshift** and **Kubernetes**.
* Built a CI/CD system with Jenkins on a **Kubernetes** environment, using **Docker** and **Kubernetes** as the runtime environment for the system's development, testing, and deployment.
* To deploy, update, or delete all the resources for your solution in a single, coordinated process, use **Azure Resource Manager (ARM)**.
* **Panda** **data frames** and **MySQL** were used to manage datasets, while **MySQL** dB package and the **Python-MySQL** connector were used to query datasets in MySQL from **Python**.
* To collect data from online users, **Python Django forms** were created, and test cases were written using **PyTest**.
* Worked on Migration of **Vertex** 6.0 to 8.0 and worked on end-to-end testing.
* Without provisioning or managing servers, integrated applications and schedule the execution of backend activities with **Azure Functions**.
* **Azure resource manager**(ARM) provides security, auditing and tagging features to help you manage your resources after deployment.
* Used **NoSQL** **MongoDB** database to provide recommendations on Performance tuning for applications Designed dynamic and browser compatible pages using **HTML5, CSS3, jQuery.js and Vue.js**.
* Took part in setting up the routing configuration using **Angular 2/4** UI router for various views and sub views and **Angular CLI** with Web Pack to perform builds and creating production ready code for deployment.
* Worked on Components, Directives, Services, Forms, Http Access, Authentication, optimizing an internal application using Angular 2 with Modules and Offline Compilation.
* Implemented features such as routing, data binding, data updates without a page refresh using Angular 2.
* Used **Angular 2 Http services** for asynchronous validations for the input fields of the forms with the data existed in the database.
* Developed code to call the web service/APIs to fetch the data and populate on the UI using **jQuery/AJAX** and **Vue.js/AJAX**.
* Maintained **Kafka** confluent distribution as a platform for both stream and conventional messaging.
* Managed the brokers, topics, consumer, producer, and Streams API configuration for the **Kafka cluster**.
* Converting an older system to a streaming **Kafka** data system on the Amazon cloud platform.
* Consumed REST services using jersey web resources for various HTTP methods and developed **REST** services using Node-JS, Express, Underscore, body-parser and mongoose for another internal application.
* Created various unit test cases using to **test pipes, services, components with Jasmine and Karma**.
* Extensively used Core Java collections, Generics, Exception handling, Design patterns for functionality, also worked on Java functional programming concepts, lambda expressions.
* Used **Node-JS** Mongoose module to create ORM mappings for database interactions.
* Used No demon to live reload and for debugging node applications.
* Using **Spring Boot** which is radically faster in building **Microservices** and develop Spring based application with very less configuration.
* Configured Package.json for application dev and deployment dependencies and used **Node NPM** to set it up.
* Created unit test cases using **Mocha, Chai** and **Mongoose** to test **REST API's**.
* Developed business components using Spring boot, IOC, AOP, Spring annotations and created user detail service for authentication and access control using **Spring LDAP** and **Spring Security**.
* Developed hibernate ORM mappings using **Hibernate** and **JPA** annotations to map java classes to database tables.

**Environment:** Java 8, Spring 4.3, Microservices, AEM 6.1, AEM 5.6.1, Felix, Spring boot, Spark, Hadoop, Kubernetes, IOC, AOP, JPA, Hibernate 4, Python, AWS S3 bucket, Angular 2, Node JS, MongoDB 3.2, Azure, Node JS 5, REST, JUnit, Jenkins, Selenium, Mockito, S3 Bucket Maven, XML, JIRA, Ajax, XSD, java Script, Karma, Typescript, JQuery and Bootstrap.

**Client: First Republic Bank, Chicago, IL Dec 2018 – Oct 2019**

**Role: Full Stack Java Developer**

**Responsibilities:**

* Installed and configured **AEM 6.1** of **Adobe CQ** Web Content Management System.
* ﻿﻿Designed and developed **CQ5** building blocks including templates, components, dialogs, widgets and workflows.
* ﻿﻿Implemented component renditions using sightly framework.
* ﻿﻿Developed **WCM** Use Classes and Sling Models to meets the requirement.
* ﻿﻿Built various web pages using HTML, CSS, Java Script and JQuery.
* ﻿﻿Created **Touch UI** and **Classic UI** AM components and created few dialogs. Developed custom components in touch UI, Classic UI and customized forms for internet and intranet sites of the company.
* ﻿﻿Implemented Custom widget to support multi composite fields.
* ﻿﻿Implemented complex workflows like multilevel approver workflows and Custom process steps.
* ﻿﻿Offered solutions on top of the **Adobe WCM, CRX/CRXDE**.
* ﻿﻿Developed applications that use **JCR** content repository in **CQ** to store information and query the **JCR** for displaying and reporting purposes and developed reusable components of CQ.
* Defined implementation processes, quality gates and standards. Developed GUI using HTML5 and Java Script.
* Setup and configure Authoring and Publishing environments, replication agents, CQ5 dispatcher to cache the landing page's html and serve as the static pages from Apache.
* ﻿﻿Worked on **CQ5** forms, customization by developing the custom form fields, writing the custom constraints for form fields and specifying the global validation resource type at the form level and the use of core frameworks such as Apache Sling and **Apache Felix**.
* ﻿﻿Used Bootstrap CSS framework that helps in designing web applications.
* ﻿﻿Effectively communicate design to customers and present design options and considerations.
* ﻿﻿Adopted and utilized agile methodology as needed or requested.
* Used Angular for the two-way databinding allowing auto synchronization of models and views.
* Used Angular http service to consume **RESTful** services.
* Created **SQL** reports for the program that satisfy the needs of the client.
* Used various **Angular** UI Bootstrap components such as calendars, masks, maps, sliders, alerts, modal dialogs etc., for developing the UI.
* Implemented React router for building the single page application. Utilized React for its efficient data flow architecture to create a lightweight container and render efficient web app.
* Developed Angular services making use of resource service to perform **REST** API calls to the backend.
* Developed **REST** based Web Services using **XML/JSON** messages that were used by the front-end application.
* RESTful APIs were created and developed using **Swagger**/OpenAPI guidelines.
* Using **Swagger** **UI** and **Swagger Editor**, API documentation was created to give clear, concise details about the API endpoints and request/response payloads.
* To enhance API integration, client libraries and server stubs were produced using **Swagger** Codegen from OpenAPI specifications.
* Collaborated on the design and development of APIs with team members and stakeholders using **SwaggerHub**.
* knowledge of performing research on **cryptocurrencies**, including market, trend, and technical analysis.
* knowledge of how to study **blockchain** transactions and glean information using programs like **Etherscan**, **Blockchair**, or **Chainalysis**.
* For creating SOAP-based web services, skill in designing and building web services utilizing **JAX-RPC** and **JAX-WS** is required.
* Ability to design and construct data access layers utilizing **JPA** and **JDBC**, as well as experience using these technologies for data persistence.
* knowledge of implementing business logic using **EJBs**, as well as the capacity to design and develop enterprise applications utilizing **EJBs**.
* Possess the ability to troubleshoot and debug problems with **Servlet/JSP, JSON/XML, JAX-RPC/JAX-WS, JPA/JDBC**, and **EJB** technologies.
* strong ability to work with cross-functional teams to generate high-quality solutions. strong problem-solving abilities.
* Created apps that access the **JCR** content repository in **CQ** to store data and perform queries for displaying and reporting and created reusable **CQ** components.
* Experienced in using Spring Core Annotations for Dependency Injection **Spring DI** and **Spring MVC** for REST API s and Spring Boot for micro-services.
* Extensive experience with Micro services and containerization using **JHipster**.
* Developed **REST** exception handling controller advices to respond to bad requests and server-side exceptions.
* Implemented Spring Validators, persistence layer, and service layer components using Spring annotations.
* Used REST Client and **POSTMAN** to test the REST based services and used Junit and Mockito to test the middleware services.
* Used **Bitbucket** as version control system, to keep track of all the work & all changes, allowing several developers to collaborate and used **Maven** as build and configuration tool and **Bamboo** for continuous integration tool.
* Expertise in using Version Control Systems likes **SVN**, **GIT**, **GitLab** and **Bitbucket**.
* Used Spring Framework for developing the application and used **JDBC** to map to **SQL Developer** database.

**Environment:** Java 8, Spring (IOC, MVC), SOAP, AEM, AEM 6.1, CRXDE, Adobe CQ5, CQ, JCR, Swagger, Sling, Cryptocurrency, Spring Boot, Apache Kafka, Microservices, Angular7, Bootstrap, HTML5, CSS3, JavaScript, Maven, Node JS, Eclipse IDE, Gradle, UML, SVN, JIRA, WebSphere, Junit, Postman, SQL Developer, Visual Studio

**Client: Illinois Valley Cellular, Marseilles, IL Dec 2017 – Nov 2018**

**Role: Full stack Java/J2EE Developer**

**Responsibilities:**

* Participated in daily Scrum meetings, Sprint planning, and estimation of the tasks for the user stories.
* Participated in the discussion with the business experts to understand the Business requirements and translate them into technical requirements towards development.
* Developed application using Caching, Session Management aspects.
* Used Spring Boot to create micro services which provides the data flow from UI to server side
* Used **Spring DAO** Module to deal with Database and developed code for spring beans using **IOC** framework.
* Implemented micro services architecture using Spring Boot using 12-factor app methodology.
* Developed user interface using Bootstrap UI, **Angular JS, Node JS** to bind data to **HTML** using expressions.
* Used **Bootstrap** for creating responsive web pages.
* Provided **UNIX** scripting to drive automatic generation of static web pages with dynamic news content.
* Developed interactive web application using Node. Js a pure java script application framework.
* Implemented **Node JS** as a server-side proxy for an event-driven, non-blocking I/O model to make the application lightweight and efficient.
* Designed and implemented server-side RESTful web services using NodeJS and Express.js and handled communications to the client side ReactJSusing JSON.
* Implemented React router for building the single page application. Utilized React for its efficient data flow architecture to create a lightweight container and render efficient web app
* Developed Single Page Application by using theReactJS, Redux and usedReactJSXfor templating for faster compilation and developing reusable components.
* utilized React to build reusable components withJSXresulting in optimized rendering and performance.
* Working with React Router for developing Single Page Applications SPA’s. •Experienced in developing React components. Used Axios with React.JS for making AJAX Calls.
* Developed certain features of the application functionality i.e., CRUD (Create, read, update, delete) features using Backbone.js and responsive design.
* Expert database engineer; no-SQL and relational data modeling, object-relational integration (ORM), physical design/tuning. Specialized with **MySQL** and Cassandra
* Worked on enterprise service bus using **Hibernate**, and spring to tie back-end Business with web properties via Restful API.
* Implemented persistence layer using Hibernate that uses the POJOs (which do not have the business processes) to represent the persistence database.
* Implement the **Hibernate** second level cache (EH-Cache) mechanism to reduce the data base calls.
* Learned and implemented **JAX**-**RS** or **RESTful** services and **JAX**-**WS** for **SOAP** based **REST** services.
* Configured Log4j logging mechanism to increase logging performance and has designed and developed for test, maintenance and upgraded based on **RESTful** API.
* Used **SOAPUI** to manually connect to the web service and check data.
* Responsible for maintaining and expanding **AWS** (Cloud Services) infrastructure using **AWS** (EC2/EBS).
* Deployed, Managed and Monitored **MongoDB** Replica Sets / Databases. Prototyped MongoDB new features across multiple stacks.
* Good knowledge on client-side **JavaScript** framework **Angular** 2.x/**Angular** 4.x with NGRX to achieve MVVM design flow.
* Designed presentation pages using **JSP**, **JavaScript**, **JQuery** and have used **JSON**/**XML** for data transfer.
* Developed various screens for the front end using **Angular2** and used various predefined components from NPM (Node Package Manager). Used Node Cron package to schedule periodically executable job.
* Maintained CSS and **HTML**, JavaScript, JSON, JSF, AngularJS, Bootstrap for designing Web Pages.
* Written and executed CRUD operations and HQL queries in MySQL.

**Environment:** MySQL, Node JS, STS-Bundle, Perl, shell, Concurrent programming, XML, XSTL, Apache Tomcat, Cassandra, Unix, Sybase, SVN, Jira, Servlets, UML, SOA, OBR, My Eclipse, Jenkins, Spring, Hibernate, PL/SQL, Mongo GridFS, Junit, Log4j, Bootstrap, Angular.js, Node.js, JQuery, Web Services JAX-WS, JAX-RS, XML, JAXB, REST Client 3, AWS.

**Client: Access info, India April 2014 – June 2017**

**Role: Full stack JAVA Developer**

**Responsibilities:**

* Understands the business statements and has implemented user scenarios and technical constraints for it.
* Created Class diagrams and Use Case diagrams from design spec using Rational Rose.
* Designed and implemented a Cassandra **NOSQL** based database and associated **RESTful** web service that persists high-volume user profile data for vertical teams.
* Involved in building stable React components and stand-alone functions to be added to any future pages
* Used Node.js as the package manager for development workflow dependency plugins.
* Developed Data Access Objects (**DAO**) to access middleware **web services** as well as Oracle database.
* Managed Object persistence, Data retrieval using MyBatis and **Spring** Framework 4 with Oracle database.
* Migrated high-volume transactions from **Oracle** to Cassandra in order to reduce Oracle licensing footprint.
* Provided non-functional features such as security and externalized configuration by using **Spring Boot**.
* Used the Node.js **MVC** Frameworks in the development of the web applications.
* Rapid Prototyping/Modeling with domain driven technology using Tapestry/Hibernate frameworks.
* Involved in configuration of **Spring MVC** and Integration with Hibernate.
* Used **Hibernate** for Object Relational Mapping and Persistence.
* Used Entity Beans to manage the transactions with the database to deliver the content to the presentation layer and also to store the data into the data layer.
* Wrote complex SQL queries and programmed stored procedures, packages, and triggers.
* Developed **XML** and **XSLT** pages to store and present data to the user using parsers.
* Custom node.js proxy used to simulate **API** responses before client implementation was complete, and to proxy requests to finished client APIs, handling authentication, custom headers, virtual application root, etc.
* Deployed the applications on IBM **WebSphere** Application Server.
* Enhancing the Selenium Test Cases for cross browsing testing and involved in regression testing using **selenium**.

**Environment:** Linux/Windows, Java, J2EE, Spring, Spring MVC Hibernate, MongoDB, Jenkins, JSP, Apache JDBC, IBM WebSphere, Servlets, NetBeans IDE 8.0.2, Postgres, Tapestry, JSTL, Java API, Selenium, Jersey Web Service, JMS Interface, AJAX, JSON, JavaScript, JSP