**Professional Summary:**

* Over 8 years of versatile experience in analysis design development and implementation of software applications and in developing n-tier architecture-based solutions with distributed components and internet/intranet applications.
* 4+ years’ experience in AWS platform and its features including IAM, EC2, EBS, VPC, RDS, Cloud Watch, Cloud Trail, Cloud Formation AWS Configuration, Auto scaling, Cloud Front, S3, SQS, SNS, Lambda and Route53.
* Introducing and implementing DevOps solutions for a range of Agile projects, creating automated build, deployment, monitoring, testing and reporting pipelines and solutions
* Designed and installed our distributed ELK log monitoring system using Filebeat, Redis, Logstash, Elastic search, and Kibana.
* Experience working with AngularJS, Angular7/8, Backbone MVC Framework, NodeJS.
* Demonstrated expertise in leveraging the new features and improvements introduced in Angular 13 and 14, such as enhanced performance optimizations, improved support for differential loading, updates to the Angular Material UI component library, and advancements in the Angular CLI.
* Experience in creating multiple Django apps and extensively used Django Session and management.
* Experienced in developing Automation Framework using Cucumber BDD, JUnit, Gherkin, Java and Selenium WebDriver.
* Worked with Behavior Driven Development process and Test-Driven Development (TDD).
* Designing with core JAVA and J2EE design patterns, MVC Paradigm, object-oriented principals/methodologies, UML diagrams.
* Experienced in the MVC Architecture using Struts & Spring Frameworks. JMS, JNDI and Hibernate.
* In depth knowledge of various technical terminologies including XML, JSP, Servlet, JDBC, Web services and extensive understanding of object-oriented concepts. Extensive experience in Core Java 8, Spring Boot, Spring, Hibernate, Web Services, Kubernetes, Swagger, Docker.
* Good experience in Web 2.0RIA technologies like Extjs, JQuery, JSON, AJAX.
* Extensive experience working with RDBMS -PL/SQL programming on Oracle, MySQL.
* Experience with a wide range of languages, platforms, technologies and operating systems – Linux, Windows, UNIX, DevOps, VM Ware, VSS, TFS, Subversion, Git, Jenkins, Apache Tomcat and scripting in many languages.
* Experience with deploying applications to cloud platforms (AWS, PCF, Docker).
* Manage containers using Amazon EC2, ECR, EKS and Fargate.
* Involved in Micro services development using spring boot and deployment in Pivotal Cloud Foundry (PCF).
* Involved in performing the Linear Regression using Spark.

**Technical Skills:**

|  |  |
| --- | --- |
| **Languages** | Java, SQL, PL/SQL, PostgreSQL, Python, Elastic Search, ASP.NET, Test Driven Development (TDD) |
| **J2EE Technologies** | Servlets, Spring 3.x/4.x, Spring Boot 1.2.3, JSP, JDBC, JSTL, JNDI. |
| **Web Technologies** | HTML, CSS, XSLT, XML, jQuery, JavaScript, Angular4 JS, Node JS, NextJS, Radiant, Logic Virtual Directory **2.**0 Extjs, jQuery, AJAX, JSON. |
| **LAN Technologies** | Faster Ethernet, Ethernet Gigabit Ethernet, DNS |
| **App/Web Servers** | IBM WebSphere Application Server 6.1/7.x/8.x, IBM Business process, Management v8.x, JBoss Application server, WebSphere, Tomcat, BEA Web Logic |
| **Frameworks** | Struts, Spring, Spring MVC, Micro Services – MVC |
| **SOA** | Web Services (Restful, SOAP, WSDL). |
| **ORM Tool** | Hibernate |
| **Tools** | Load Runner, Log4J, Ant, BIRT, Jenkins, Kafka, TOAD, PL/SQL Developer |
| **IDEs** | Eclipse |
| **Databases** | Oracle 10g, 9i, 8i SQL Server, Couch base 2.5.1,3.03, Mango DB. |
| **Version Control** | SVN, Clear Case |
| **Operating Systems** | Linux, Windows, Mac OS |

**Professional Experience**

**Client: Apple INC Feb 2018 – Till Date
Location: Sunnyvale, CA**

**Role: Sr. Java Developer**

**Description:** Digital Catalog is an iOS application for retail Partners. Digital Catalog provides the information on several devices and their features in an iOS application. This is customer facing application which is quite flexible to use and compare prices for iPhones, iPad etc.

**Responsibilities:**

* Designed data formatted web applications using Angular 7 framework with Angular Material to design grid-based layouts, responsive animations and transitions, padding, and depth effects such as lighting and shadows.
* Successfully upgraded Angular 7 projects to Angular 13, leveraging the latest features and improvements introduced in Angular versions 8 through 13.
* Implemented Server-Side Rendering (SSR) using Angular Universal in Angular 13. Configured and optimized SSR for improved performance and SEO.
* Optimized Angular applications for performance by implementing techniques such as lazy loading modules, tree shaking, and code splitting in Angular 13. Used Angular CLI performance auditing tools and optimizing bundle sizes.
* Conducted a thorough analysis of the existing Angular 7 codebase to identify potential compatibility issues and deprecated APIs that needed to be addressed during the upgrade process.
* Implemented proper input validation, prevented Cross-Site Scripting (XSS) attacks, and handled authentication and authorization using Angular 13.
* Managed and updated project dependencies, including Angular libraries, third-party packages, and build tools, to align with the requirements of Angular 13.
* Conducted thorough testing and quality assurance activities, including unit testing, integration testing, and end-to-end testing, to ensure the upgraded Angular 13 application was functioning as expected.
* Used Microservices architecture, with Spring Boot-predicated services interacting through an amalgamation of REST, Cassandra and MQ message brokers, tested and deployed Identity micro services.
* Used Spring Framework with Hibernate to map to Oracle Database for the Workflow of Various Modules.
* Worked extensively with big data tools, integrating Apache Solr search for multi-faced search, provided input on database design, and building stored procedures for smooth data.
* Used Java Multi-Threading concept for downloading files from a URL. Developed server-side software modules and client-side user interface components deployed entirely in Compute Cloud of Amazon web Services (AWS).
* Developed reusable and interoperable Web service modules based on SOA architecture using RESTFUL.
* Handling offshore calls to coordinate with Tech teams outside North America in delivering the project needs.
* Developed Camel routes using Scala DSL and developed custom message converters.
* Wrote Angular. Js frontend, which queried a custom Elasticsearch server for search terms, and hosted everything on an AWS instance with Docker containers
* Created custom, self-contained, reusable and testable Angular 4 modules, controllers, directives and services to implement key functionalities for customer account summary.
* Developed persistence Layer using Hibernate to persist the data and to manage the data.
* Used a Microservices with Spring Boot-based services interacting through a combination of REST and Rabbit MQ or Apache Kafka message brokers.
* Consumed SOAP and Restful web services in SOA environment and used SOAP UI for testing.
* Involved in batch processing using Spring Batch framework to extract data from database and load into corresponding tables.
* Involved in maintaining the user accounts (IAM), RDS, Route 53 services in AWS Cloud.
* Worked on Apache SolrCloud to index documents using hive- solr storage handler to import different datasets including XML and JSON.
* Handled operations and maintenance support for AWS cloud resources which includes launching, maintaining, troubleshooting, Elastic Load Balancers (ELB) and Relational Database Services (RDS).
* Consumed Web Services to interact with other external interfaces to exchange the data in different forms by using Restful service.
* Involved in web application development for backend system using Angular 4, Angular CLI, Webpack, HTML5, TypeScript, WIJMO, SASS and CSS3.
* Developed application based on Spring Framework and uses J2EE Design Patterns like Facade, Singleton, Factory & Value etc. Patterns.
* Responsibilities include giving walkthrough to onsite and offshore teams about the newly developed and consuming frameworks/technologies and updating wiki with the user guides.
* Used the basic principles of MVC to incorporate the Angular7 framework to build client-side application.
* Setup Solr in AWS, Developed Solr Schema, Updated SolrConfig.xml, Index documents.
* Designed and implemented a Cassandra NoSQL based database and associated RESTful web service that persists high-volume user profile data for vertical teams.
* Implemented Web Services (WSDLs) using JAX-WS and implemented REST services by Golang with microservices architecture Docker, Kubernetes.
* Configured JDBC and LDAP Security in the application server.
* Implemented a production ready, load balanced, highly available, fault tolerant, auto scaling Kubernetes AWS infrastructure and microservice container orchestration.
* Worked on Angular 7 application using Components, Observables, pipes, Directives, Reactive/Template Driven forms and Router guards.
* Develop the UI component architecture for developer framework using Angular 4, Typescript, HTML5, CSS3 and Bootstrap.
* Developed internationalized multi-tenant SaaS solutions with responsive UI's using Java or ReactJS, with NodeJS and CSS.
* Developed Servlets to take service requests from UI to manipulate Business Objects and invoke respective Action Classes for making database updates.
* Worked on Java8 and developed several API's as per the business cases and analyses the current API with spring Boot.
* Used the basic principles of MVC to incorporate the Angular7 framework to build client-side application.
* Used Java8 features like lambda expression, Stream API and Interfaces.
* Created and configured the continuous delivery for deploying Microservices using Jenkins CI server.
* Integrated AWS Dynamo DB using AWS Lambda to store the values of the items and backup the Dynamo DB streams.
* Used Jenkins pipelines to drive all microservices builds out to the Docker registry and then deployed to Kubernetes.
* Design, develop (backend) and test the modules using Java8 and integrate the same with existing application.
* Performed form validations using reactive forms from Angular7.0 framework.
* Managed servers on the Amazon Web Services (AWS) platform instances using Chef Configuration management.
* Participated in the implementation of efforts for unit testing and code review.
* Implemented business logic on the server side using EJB, WebSphere.

**Environment:** Java, J2EE, Servlets, EJB, JSP, JDBC, JNDI, XML, HTML/DHTML, CSS, AngularJS, Restful, Typescript, Webservices, AWS, JMS, AJAX, SOA, Microservices, WebSphere, WildFly, JBOSS, JUnit, JQuery, Angular7.0 , Windows, UNIX, SQL and Oracle, Spring, Hibernate Frameworks.

 **NetJets, Columbus, OH Apr 2017 - Jan 2018**

**Java Developer**

**Description: NetJets Inc**., a subsidiary of Berkshire Hathaway, is an American company that sells part ownership or shares (called fractional ownership) of private business jets.

**Responsibilities:**

* Designed and developed various modules using Java, JSP/Servlets, XML, and MVC.
* Designed application structure for implementation in Scala and Java on the Play framework
* Developed application to view live logs of servers of ion for Production and Non-Production environment using Apache Shiro and ElasticSearch- LogViewer.
* Used Django APIs for database access and worked on databases like MySQL, Postgres.
* Setup of CI/CD pipeline components for Jenkins, Spinnaker, Concourse CI, GitLab CI, AWS CodePipeline, AWS CodeBuild, AWS CodeDeploy, Amazon ECR and Kubernetes Helm Charts.
* Using Django Framework model, implemented MVC architecture and developed web applications with superb interface.
* Developed various screens for the front end using ReactJS and used various predefined components from NPM (Node Package Manager).
* Worked with VUE JS Forms, Validations, Modules, Components, directives, controllers and HTTP Request.
* Design, coded and tested key modules of the project using java oops concepts, JSP.
* Added new components on the UI using Angular6 framework, HTML and CSS.
* Wrote service using java – spring Boot to interact with the UI.
* Leveraged and assisted in the setup of Liquibase to automatic promote the SQL queries from lower to higher environments.
* Designed & developed using HTML5, CSS3, EXT JS, JavaScript, XML, AngularJS, NodeJS, JSP, JSON, Vue.js, JSF, J2EE and Ajax.
* Wrote UI automations for pre prod and prod environments using Robot Framework.
* Responsible for monitoring the build job hosted on AWS using Jenkins.
* Supported the hot defect fixes on the production environments.
* Fixed regression defects on both server side and the user side.
* Developed dynamic responsive Web Application by integrating Angular2 with Bootstrap which is further integrated with Web Services and Vue.js.
* Managed Docker orchestration and Docker containerization using Kubernetes.
* Collaborated with other developers on best practices, code reviews, internal tools and process improvements.
* Configured Jenkins on AWS to set up Automation Pipeline to monitor the scripts by running the tests every night.
* Wrote a POC on Cucumber Framework for UI Automation using BDD approach.
* Fixed and debugged the defects on the services and user interfaces
* Wrote unit tests for the angular code wrote using Protractor and jasmine frameworks.
* Used Mockito unit test framework on the server side.
* Implemented UI using MVC, HTML, XML, CSS, JavaScript, Angular 8, AJAX and Web Form Controls to create responsive web pages, developed Master Pages.
* Written Postman API Automation using Node.js to run postman collections on nightly basis
* Reviewed, analyzed designs, modify, develop, test, document, and implement software applications within the scheduled timeframe
* Worked in Test Driven Development (TDD) framework using JUnit.
* Analyzed and resolved complex problems associated with applications systems. Detected, diagnosed, and report related problems.

**Environment:** Java Script, Angular 4, Angular6, JSON, Spring IOC, Spring MVC Java, Java 8 Java JDK7, , Spring AOP, Spring, XML, JAX-WS, SOAP Web Services, RESTful web services, JMS, MDB, Hibernate, JMX, EHCache, JUnit, Mockito, , Maven, Gradle, GIT, Oracle, ,WebLogic.

**Client: Washington Post, Washington, MO Sep 2016 – Mar 2017**

**Java/J2EE Developer**

**Description:** Washington Post is a leading media environment, delivering innovative media solutions and unsurpassed client service worldwide. The project at Washington post involved in testing and developing the web application which is designed for clients and customer for the companies from across the country.

**Responsibilities:**

* Reviewed requirements for development and usability, consulted business and development teams to discuss system functionality.
* Implemented log4j API for exception handling, logging of the errors, warnings, messages, stack traces, debuggers throughout the code.
* Used Micro service architecture with Spring Boot based services interacting through a combination of REST and Apache Kafka message brokers.
* Developed Business tier and Presentation tier using Struts, JSP. Coding using JSP, HTML, and CSS JavaScript for validation, Servlets using STRUTS framework, JDBC.
* Responsible for migrating the Web services from shared Java environment to PCF - Cloud platform.
* Experience in design and development of messaging applications using Java Messaging Service (JMS), Advanced Message Queuing Protocol (AMQP) Spring JMS, MQ Series and RabbitMQ.
* Application was built on MVC architecture with JSP, CSS, HTML and DHTML acting as presentation layer, Struts framework as business layer
* Developed and maintained back end codes for inventory systems using Java and Web Services using REST.
* Monitored and maintain the logs of PCF Spring Batch application from PCF Apps manager.
* Worked on Rest Web services as well as Node Rest framework for backend services and used Mongo DB (NoSQL) for database services.
* Developed user interfaces for policy owner module using JSPs, Struts Tag Library, and Tiles framework
* Created JSON Data and stored as documents comprising documents, data types and conversions in MongoDB.
* Used in-built market place services of PCF for RabbitMQ, MySQL config.
* Used JIRA to track the progress of the project, test cases and Used JUnit as a testing framework in a Test-Driven Development environment.
* Used JDBC, application server provided transaction API for accessing data from the MySQL DB.
* Involved in design and development of service layer and data access layer using Java, Spring, Hibernate JPA. And OS Workflow
* Designed and developed Hibernate DAO's using spring framework's Dao Support and Hibernate Template.
* Participated in the release cycles of the product environments of development, QA and Production.

**Environment:** Java/J2EE, JSP, JDBC, Struts, Node JS, EJB, Struts, XML, HTML, Spring, Eclipse, SQL, PL/SQL, Web logic, SOAP, CVS, Ant, Ajax, Hibernate, Junit, PCF, Mongo DB, Junit.

**Client: Soft sol, Hyderabad, India Jul 2013 - Jul 2015**

**Java/J2EE Developer**

**Description:** Enhanced Mortgage Calculator is an online system that calculates the monthly payments based on Current interest rate, loan amount, down payment, additional principal and the number of months to pay this Mortgage and it can help users to decide which monthly budget plan is better for them**.**

**Responsibilities:**

* Planning, analysis, design and implementation of different modules using Agile (Scrum) Methodology.
* Involved in Daily Scrum meetings, Sprint planning and estimation of the tasks for the user stories, participated in retrospective and presenting Demo at end of the sprint.
* Developed the UI by using HTML, CSS, jQuery, JavaScript and Ajax.
* This Application was developed using Spring-MVC and IOC/Dependency Injection integrating different layers of the application.
* Wrote Hibernate classes, DAO’s to retrieve & store data, configured Hibernate files.
* Used Spring Security for Authentication and Authorization of the application.
* Implemented Restful web services using JAX-RS annotations, Jersey as provider and implemented security using OAuth.
* Consumed SOAP and Restful web services in SOA environment and used SOAP UI for testing.
* Consumed Web Services to interact with other external interfaces in order to exchange the data in different forms by using Restful service.
* Extensively used JSON to parse the data from server side to satisfy the business requirement.
* Developed Java Persistence API (JPA) through Hibernate and Worked on Hibernate and Spring-JDBC in development of DAO Layer.
* Responsible for designing Hibernate mapping files based on business logic and Object relationships.
* Established Database Connectivity using Hibernate for IBM DB2.
* Packaged and deployed the application in Web Sphere Application Server.
* Written LINUX shell scripts to identify user login information.
* Used Log4J for application logging and notification tracing mechanisms.
* Used Maven tool for building and deploying the Web applications.
* Analysis and Bug fixing of the production problems and defects along with enhancements
* Implemented JUNIT test cases for unit testing and Suites for end-to-end testing.
* Used JIRA for tracking the Project Stories and used Git as version control tool.

**Environment:** Java, J2EE, HTML, CSS, JavaScript, jQuery, Ajax, JSON, XML, Spring MVC, Hibernate, Restful, SOAP, HQL, SQL, Web Sphere Application Server, IBM DB2, JNDI, Maven, UML, JIRA, Git, LINUX and Eclipse.

 **Education Qualifications:**
Master’s in **Computer Science** from **University of Central Missouri**, USA.

Bachelor’s in **Computer Science** from **JNTU**, Hyderabad, India.