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**PROFESSIONAL SUMMARY:**

Over 7+ years of expertise in both **front-end** and **back-end** development, where a job provides me with the chance to enhance, innovate, and develop my strengths and skills in line with those of the organization.

* Experience in **Transaction usage**, **Servlets, JMS, Java Beans, Web Services, Multithreading** Executor Services.
* Experience working with different **SDLC** (Software Development Life Cycle) including Requirement gathering, Analysis, Design, Coding, Testing and Implementation like **AGILE** (SCRUM), **TDD**, and **Waterfall Models**.
* Experienced in server-side view rendering Java content structures like **React.JS** and rendering pages on the server-side utilizing **Redux** and **Flux** to accomplish unidirectional plan stream.
* Strong experience developing **Dynamic Single Page Application (SPA)** using MEAN **(Mongo, Express Angular, and Node)** full-stack development tool kit.
* Widely used various open-source MVC architecture like **Struts 2.0**, **Spring** MVC, and Object Relational Mapping (ORM) Frameworks like **Spring JPA** with **Spring Data**, **Hibernate**, **IBatis MyBatis, and Spring JDBC**.
* Developed real-time dashboard applications for visualization and analytics on Apache web servers using **Kibana, Splunk, Grafana, SumoLogic**, and **New Relic** integrated with **DataDog**.
* Designed and developed highly scalable, available, fault-tolerant, highly secured, distributed infrastructure (IAAS) using **2 EC2** instances, **S3**, **EBS**, **API Gateway, Elastic Beanstalk, ECS**. Experience in configuration management tools like **Puppet, Chef, Docker** andused **AWS** **SDK** for connection to Amazon S3 buckets as it is used as the object storage service to store and retrieve the media files related to the application.
* Experienced in utilizing source code variant administration apparatuses like SVN, Git, Bit Bucket, and undertaking sprinters like Babel, Grunt, Gulp, and Web pack.
* Extensive AWS Experience including AWS Services such as **EC2, VPC (NAT, VPC Peering and VPN), IAM (Identity and Access Management), Elastic Beanstalk, Lambda, S3, CloudFront, Glacier, SQS, SNS, RDS, DynamoDB, Route53, CloudWatch, CloudTrail, CloudFormation, Security Groups,** etc.
* Expertise in developing **SOA(Service Oriented Architectures)** and **Microservice architectures** using J2EE web services based on **Restful(JAX-RS), SOAP(JAX\_WS), JAX-RPC, and JAXR(Java API for XML Registries)** using frameworks like **Apache CXF, Jersey, Apache Axis.**
* Expertise in implementing **Core Java SE 8** concepts like **Streams API, Lambda functions, Functional programming,** and **Generics**.
* Experience in Spring Security Framework for User Access Management, JWT token-based authentication, and involved OAuth 2.0 configuration for authentication and authorization.
* Proven experience with Application Servers like **IBM WebSphere, Oracle/BEA WebLogic, JBoss, and Tomcat**.
* Good Knowledge in **Amazon Web Services (Amazon EC2, Amazon S3, Amazon SimpleDB, Amazon Elastic Load Balancing, Amazon SQS, Amazon EBS, and Amazon CloudFront)**.
* Experience in database design and development of **PL/SQL** stored procedures and packages in relational databases like **Oracle 9i / 10g / 11g, SQL Server 2005/2008, DB2, MySQL,** and good hands-on experience in implementing, designing, and developing **NoSQL** Databases like **MongoDB.**
* Hands-on experience with building Java projects using build tools like **ANT,** **Maven, Gradle,** and integrating the project **Bamboo, CD/CI, Jenkins, Aws Code.**
* Developed various **Typescripts (ES6)** objects, including **Components, ngModules, Providers, Services,** and **classes** using **arrow functions** and **optional types.**
* Experience developing applications using MVC and MVVM client-side JavaScript frameworks such as **Angular 8.0, AngularJS** to create dynamic web applications, **Backbone.Js, Ember.JS, Handlebar.JS.**
* Experience in implementing and deploying Java EE design patterns such as **Singleton, Abstract Factory, DAO, DTO,** and **Business Delegate** in the Development of Multi-Tier distributed Enterprise Applications.
* Good knowledge in building real-time dashboard applications using Splunk, Elastic Search, and Logstash (ELK) to profile and monitor the streaming data of the application.
* Strong experience in building applications using the JavaScript **Mean stack**: MongoDB, Angular JS, Express.js, and Node.js.
* Extensively used **Spring IOC** to inject objects based on selecting components like setter injection and Interface injection to manage the object references.
* Expertise in using **NPM** and **BOWER** package and Dependency management.
* Solid experience developing the rendering view **React JS** components, forms, events, routers, and **Redux asynchronous** functions and implemented **React - Flux** pattern for core dependency.
* Sound learning on the consistent mix and persistent deployment tools **like Jenkins, Hudson, Travis, Puppet, and Bamboo**. Substantial involvement in **UNIX and Shell scripting to automate the build scripts**.
* Strong experience with **EJB, Struts, Spring Boot,** Spring framework implementing modules: **Spring MVC, Spring Boot, Spring IOC, Spring IO, Spring AOP, Spring Security,** and **Spring Data**.
* Experience writing SQL queries in PL/SQL, Triggers, and Stored Procedures in Relational Database management systems like **Oracle, MS SQL, MySQL, and DB2**.
* Experience designing and developing various **Angular 8.0 Components** (ngModules), **Services**(observable/promises), **Directive,** and **Pipes**.
* Good understanding of Server-side JavaScript structures like **NodeJS, Hapi.JS, Express.JS**.
* Experience in integration testing tools like **Selenium Web Driver, Cucumber (Behaviour Driven Development testing).**
* Used **Kubernetes Linux container** for deploying and scaling containerized applications.
* Experience in testing with **JUnit Framework** using **Mockito** and **EasyMock, Spring Junit Runner, JMeter.** Worked on testing JavaScript structures utilizing **Mocha and Chai, Jasmine, and Karma.**
* Handled operations and maintenance support for **AWS cloud resources**, including launching, maintaining and troubleshooting EC2 instances, S3 buckets, Auto Scaling, DynamoDB, AWS IAM, and **Elastic Load Balancers (ELB)** and **Relational Database Services (RDS)**. Also created snapshots for data to store in **AWS S3**.
* Experience in integration tools like **Spring Integration, Mule ESB, Apache CXF, and Apache Camel** to integrate the enterprise application technologies with existing JVM environments.
* Unit tested web services using **Junit, Mockito Easy mock, Spring Junit Runner, Spock, Testing**, and achieved Test-Driven Development (TDD) goals.
* A good amount of hands-on experience developing server-side JavaScript frameworks using **Node JS (Hapi JS, Express JS)** to build **event-driven, non-blocking i/o model** web applications.
* Good knowledge of **Drools Rule Engines,** which corresponds to validating **BRMS** **(Business Rule Management System)**.
* Experience in Message Queue (MQ) services like **Apache Kafka, Rabbit MQ, Active MQ, and IBM MQ.**
* Expertise in using **JavaScript** build tools and task runners like **Webpack** for React and Angular 8.0, **Grunt, Gulp** for Angular, Browserify for packaging NodeJS modules for browsers.
* Extensive experience in developing web applications using **HTML5, XML, XHTML, DHTML, CSS, CSS3(Sass,Less), Bootstrap, JavaScript, DOM, jQuery, Ajax, JSON,** and **JSP**.
* Expert in Various Agile methodologies like **SCRUM, Test Driven Development (TTD), Incremental** and **Iterative methodology, Pair Programming, Agile Development** & **Testing using Software Development Life Cycle.**

**PROFESSIONAL EXPERIENCE:**

**Client: Kroger**

**Location: Cincinnati, OH Aug 21 -Present**

**Role: Full Stack Java Developer**

**Responsibilities:**

* Configured and managed various AWS Services, including **EC2, RDS, VPC, S3, Glacier, CloudWatch, Cloud Front, Route53, SQS, SNS,** etc.
* Hands-on experience on **Dump Analysis** and thread Dump common problem patterns (Thread race, deadlock, hanging IO calls, garbage collection / Out Of Memory Error problems, infinite looping, etc.).
* Developed the single-page application following **Agile Scrum**, participated in daily standups, sprint reviews, Kickoffs, and used **Jira** for project management.
* Wrote **Drool rules** in both **rule flow** and **drooled fusion** for fetching the facts from the database.
* Implemented **AWS** solutions using **E2C, S3, RDS, EBS, Elastic Load Balancer**, Auto scaling groups, Optimized volumes, and EC2 instances and created monitors, alarms, and notifications for EC2 hosts using **Cloud Watch**.
* Designed the user interface screen and its functionality as per user requirements and developed **RESTful** Web services in **Mule ESB** based on Service Oriented Architecture **(SOA)**.
* Created dynamic schema design through **NoSQL MongoDB** by writing rich queries and achieved data in a collection to be distributed across multiple systems for **horizontal scalability** as data volumes increase through **Sharding**.
* Worked with **KAFKA** **Zookeeper** for managing the cluster with **broker/cluster** technology.
* Performed manual and regression **testing** using **JIRA X-RAY** tests, writing the scenarios.
* Implemented a 'server less' architecture using **API Gateway, Lambda**, and **DynamoDB** and deployed **AWS Lambda** code from **Amazon S3 buckets. Created a Lambda Deployment function** and configured it to receive events from your S3 bucket.
* Worked on UI testing with **Karma, Jasmine, Protractor** for Angular, **Mocha,** and **Chai** for React JS and Backbone JS.
* Implemented Spring Circuit breaker pattern, integrated **Hystrix** dashboard to monitor Spring microservices.
* Experience working with (consuming) **REST** or **GraphQL** APIs via client-side JavaScript or server-side via NodeJS.
* Involved in Software Development Life Cycle for gathering requirements, Analyzing, Designing, Developing, and Testing applications using **Agile** methodology.
* Worked with **Jenkins** to configure **Continuous Integration** and **Continuous Deployment** (CI/CD).
* Experience in working with **GraphQL** queries and use the Apollo **GraphQL** library.
* Implemented **Spring Netflix Zuul** API gateway and **Eureka service registry** for **reverse proxy** and **Dynamic service** discovery of APIs.
* Designed and developed efficient user Interaction screens using **HTML5, CSS3-SASS,** and Twitter **Bootstrap CSS** framework and **media queries** to create responsive web pages.
* Programmed **J2EE** application to manage transaction reports for **Oracle** Financials Application Processes.
* Implemented **Microservices** architecture with **Netflix, Spring Eureka, Spring Ribbon** using **Spring Boot** to provide client-side load balancing in calls to other **Microservices**, making applications into smaller chunks and the Spring Hystrix circuit breaker and for the fail-safe.
* The application is built in **Micro Service Oriented Architecture** using **MEAN 11+ (Mongo, Express Angular 12.0 and Node)** stack and developed **Single Page Applications (SPA)**.
* Participated in code review and mentoring sessions and used **GIT** as version control and **GITBash** for **GIT** interactions.
* Developed multiple **Angular 12.0** components that are compatible with the latest versions of **typescript, angular CLI**.
* Used **Cassandra** for storing internal statements and reports and worked extensively in Development which includes updating and retrieving data internally from the back-end **Cassandra**.
* Configured **JBOSS** Application server and used **Oracle** database with **Hibernate ORM framework** and used the functionalities of **Hibernate's** second-level **EHCache.**
* Experience in building isomorphic applications using React.js and Redux with **GraphQL** on the server-side.
* Responsible for migrating existing modules in **IBM MQ** to **Apache Kafka** and creating Kafka adaptors for decoupling the application dependency.
* Implemented **Java11** features like **Lambda expressions, Streams, filters, pipelines, Optional Interfaces**.
* Authenticating Users to provide security to RestFul web services using **OAUTH** **2.0**.
* **Kubernetes** is configured in the application for automating deployment, scaling, and management of containerized applications.

**Environment:** Java, Angular 11.0, J2EE, Git, Spring Boot, Hibernate, Core Java, Rest, Web Services, CSS, Eclipse RCP SASS, WSDL, JIRA, JMS, PostgreSQL, AWS, Spring Cloud, Spring batch, PCF, Apache JMeter, jQuery, JUnit, Docker, Maven, Jenkins.

**Client: Kemper**

**Location: Birmingham, AL Sep 19 – July 21**

**Role:Full Stack Java Developer**

**Responsibilities:**

* Implemented **Node JS** as a **server-side** **proxy** for an event-driven, non-blocking I/O model to make the application lightweight and efficient.
* Optimized cleaning up of session-level **Data Structure's** shared across different open tabs when data is flushed/committed from one of the tabs.
* Apply focused development changes across **oracle** databases and see the changes applied through the life cycle of environments and testing into production via **internal deployment tool**.
* **JUnit** is implemented along with **Mokito** to perform unit testing on our **RESTful** web application.
* Experience in integration testing tools like **Selenium Web Driver, Cucumber (Behaviour Driven Development testing).**
* Extensively worked in writing minimal code in building re-usable forms with their validations using **REACT with Redux** Architecture.
* Worked with **Jenkins** Continuous Integration and Continuous Deployment (**CI/CD**).
* Developed JavaScript for all client-side validations and developed **GUI** using **CSS, JSTL, and XSL.**
* Good knowledge of Lambda expressions, Time APIs, and **Java 8** core features
* Responsible for the overall layout design and prototype using **React JS** with **Redux** library, **jQuery UI,** and **CSS/Less** and **HTML5**.
* Performed Unit testing on **ReactJS** applications using Karma and Jasmine tools and worked with the Gulp tool to build automation.
* Implemented **Spring Boot** to create a **CRUD** back-end for our **React-frontend** application.
* Experience in **Docker** Engine and **Docker** Machine environment, to deploy the micro services-oriented environments for scalable applications.
* Made use of **React JS** to build **Bootstrap** components for responsive UI objects and linked with API data to view and render the **virtual DOM** dynamically.
* Performed Unit testing on applications using tools **Mocha** to test Reactjs and **Chai** for Node.js and **Web pack module bundler** and **Babel** JavaScript compiler are used accompanying **React JS**.
* Experience integrating the internal security model into new projects with **Spring Batch**, Spring **Microservices** and **Spring Boot**, **Pivotal Cloud Foundry,** and **Netflix Eureka.**
* Define requirements and specifications for Development using **Oracle R12, Oracle Forms, Oracle Reports** and **SQL**.
* Dockerized Spring Boot application to Pivotal Cloud Foundry **PAAS** (Platform as a service).
* DevOps role converting existing AWS infrastructure to Server-less architecture (**AWS Lambda, Kinesis**) deployed via CloudFormation.
* Worked with container-based application deployments using **Docker** with **Kubernetes**.

**Environment:** HTML5, CSS3, Redis, Express JS, jQuery, JavaScript, Node JS, Bootstrap, REST API, Load Balancer, Mongoose Connector, Mongo DB, REST administrations, Docker, Mocha, Jasmine, Karma, Gulp, SSO Authentication, WebPack, Kubernetes, Selenium, Maven and Jenkins. GIT, Jenkins, AWS Services, Elastic Cloud Compute (EC2).

**Client: Volkswagen Dec 18 - Aug 19**

**Location: Auburn, MI**

**Role: Full Stack Java Developer**

**Responsibilities:**

* Used **Backbone JS** to utilize its rendering functions and create controllers to handle events **triggered** by clients and send requests to the server.
* Configured **Hibernate's** second-level cache using **EH** **cache** to reduce the number of hits to the configuration table data.
* **HibernateORM** framework is used to interact with databases through **Hibernate query language** (HQL). And also worked with the **Hibernate EH Cache technique** for the critical objects in the application.
* Deployed the **drools** rules as a service in the J2EE stack environment.
* **Configured** and **managed** public/private cloud infrastructure utilizing **Amazon Web Services like Amazon Ec2, Amazon S3**.
* Developed an automated application using **JMS** for messaging and **JNDI** to interact with the server.
* Integration testing methods and **Behavioral driven testing** in the application are implemented using **Selenium and Cucumber,** respectively.
* Developed a set of application functionality using **CRUD** (Create, read, update, delete) features of **Backbone.js.**
* Used **HTML5, CSS, jQuery, Ajax** and performed client-side validations using JavaScript.
* Developed application on Spring framework by utilizing its features lik**e Spring Dependency injection, Spring Beans, Spring Security, Spring JPA, Spring Web flow using MVC**
* Implemented security functionality for various projects using **Site minder (SSO).**
* Designed the user interface screen and its functionality as per user requirements and developed **RESTful** Web services in **Mule ESB** based on **Service Oriented Architecture (SOA)**.
* Worked on **Spring Framework** handling major concepts like **Dependency Injections, Spring IoC Containers, Transaction Management Declaratives** (annotations based).
* Configured **Jenkins** to handle application deployment in the **Pivotal Cloud Foundry (PCF)** server and integrate with **GitHub** version control.
* Implemented web interface (UI) for end-users using **AngularJS**, which has migrated from the existing **BackBone JS** application.
* Used **backbone.js** as Model, Widgets as Controller, and **jQuery** template as view.
* Effectively used **Angular Directives, filters, declarative templates, service providers, and context-aware communication**.
* **Unit, functional, end-to-end testing** is achieved using the TestNg framework.
* Wrote **SQL** Queries, **PL/SQL** stored procedures, triggers, packages on **Oracle database.**
* Performed AngularJS end-to-end testing using the **Protractor** framework.
* Implemented **ODBC,** which is used for connecting to the **Oracle** databas**e.**

**Environment:** Angular JS, HTML5, CSS3, AJAX, Bootstrap, JSON, XML, Active MQ, JMS, Hibernate, DB2, SOAP-AXIS2, Restful services, JAX-RS SOA, Eclipse Java EE IDE Neon, Jenkins, Git, Log4j, DB2, Grunt, Jasmine, JBoss, Jenkins, OpenShift, Drools, Maven, TestNg, Protractor, Grunt, Selenium, Cucumber, WADL.

**Client: Nineleaps Sep 17 – Nov 18**

**Location: Banglore, India**

**Role: Java/J2EE Developer**

## **Responsibilities:**

* Designing new components to fit in the already existing architecture using core **Java**, **multithreading**, design patterns like the **factory method, Abstract factory pattern, Singleton**, while developing web-based applications using **REST Web Services**.
* Spring **AOP** is used for logging, auditing, and security and transaction management to distinguish business logic from the cross-cutting concerns.
* Effectively used **Angular Directives, filters, declarative templates, service providers,** and **context-aware communication**.
* Designed the user interface screen and its functionality as per user requirements and developed **RESTful** Web services in **Mule ESB** based on **Service Oriented Architecture (SOA)**.
* Implemented the back-end functionality of the modules using **Singleton** and **Session Facade** design patterns.
* Involved in multi-tiered J2EE design utilizing **Spring Inversion of Control (IOC)** architecture and **Spring JPA**.
* **Hibernate** ORM framework is used to interact with databases through Hibernate query language (**HQL**).
* Deployed application using **Oracle Weblogic Server.**
* Used **SOA, UDDI** lookups, and **Web Services Description Language** (**WSDL**) using the **SOAP** protocol.
* Extensively used **Java server Faces** **(JSF)** Navigation rules and JSF tags for enhanced user Interface.
* Effectively worked on **Angular 1.0** to use the enhanced features of **typescript, Angular Routers,** and **Angular Components**.
* Deployed the application using **Docker** and **AWSConsole services**.
* Deployed the application to **IBM WebSphere** 8.5.5 in UNIX environment IBM AIX 5.1.0.3. Tested the application after making the necessary configuration.
* Worked with **Ember JS** to code some new functionality and developed application front end using **HTML, CSS, Ajax.**
* Implemented **Spring Batch** to run daily and monthly batches.
* Involved in performing Unit and Integration Testing in **Selenium**
* Worked on **Agile** methodology, including team-based design and code reviews.
* Developed the business logic code in **Core Java/J2EE, Struts, JDBC.**
* Involved in the Development of **SOAP Web Services** using **Apache Axis** to extract client-related data from databases.
* Provided support to the testing team and involved in the Bug Fixing.

**Environment:** Angular JS, HTML5, CSS3, AJAX, Bootstrap, JSON, XML, Active MQ, JMS, Hibernate, DB2, SOAP-AXIS2, Restful services, JAX-RS SOA, Eclipse Java EE IDE Neon, Jenkins

**Client: GGK Technologies**

**Location: Hyderabad, India June 15 – Aug 17**

**Role: Java Developer**

**Responsibilities:**

* Designed a mailing application to send notifications to the **Oracle** users for intimating to start the following workflow.
* Configured **Struts-config.xml, Tiles-def.xml,** and various properties files provided by Struts Framework for the implementation module.
* Experience in installing, configuring, and deploying applications on **Web Logic Server**.
* Used **Multithreading** concept to post data from files to tables involving the transformation of files from one format to another.
* We kept up the bean life cycle by utilizing **Spring IOC,** which keeps session information about beans.
* Used **ANT** build tool for compiling and generating war files.
* Developed **SCM** by using the **JSP/HTML** for each user interface. Servlets standard validations are used as the controllers for business logic and using **JDBC, XML** parsing techniques using **MVC**.
* Developed web applications using **Struts, Spring, and iBatis** framework.
* Extensively used the **Struts tag libraries (Bean Tags, Logic Tags, HTML Tags, etc.) and Custom tag libraries.**
* Deployed application on the **Client Linux server**.
* Implemented responsive web-based applications using **HTML5, CSS3, Javascript, Jquery.**
* Worked with **Log4J** to capture the log that includes runtime exceptions
* Implemented **IBM WebSphere** Application Server to deploy the application
* Developed a **DAO** pattern to retrieve the data from the database.

**Environment:** Core Java, J2EE, JSP, HTML, MVC, Servlets, Struts, JMS, MDB, EJB3.1, JUnit, PL/SQL, DAO, Web Logic Server, Ant, SOAP, JAX-WS, WSDL, Junit, SQL.