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**Professional Summary:**

* Overall **9** years of experience in **Full Stack Development** with design, development and maintenance of enterprise level distributed web-based software and **client/server** applications using **Java/J2EE technologies**.
* Effective at working in **Agile** environments using **SCRUM** methodologies and expertized in **Software Development Life Cycle (SDLC)**, **requirements specification,** documenting Software architecture and design specifications, Implementation in **Java**, mentoring and architecture presentations to various stake holders.
* Experienced in **Capital markets, Fixed Income, Wealth Management, Alternative Investments, Client Statements, Commodities, and front- end trading** applications.
* Expertise in **J2EE** application architecture and design experience using design patterns like **Singleton, Factory, Abstraction Factory, Service locator, DAO (Data Access Object), DTO** and **Business Delegates.**
* Used **Angular-cli** to configure the **angular** project and building it for development of **Angular** application using **Angular 6, 8**. Integrated the different pages to be a single page application using **Angular 6,8**.
* Experience in using **JavaScript** frameworks **jQuery, AngularJS, Node.js Twitter Bootstrap.**
* Worked with **Angular** and **TypeScript** as part of migration from **JavaScript** to **Angular 6** and **React.js**.
* Developed **UI** using **JSF**, middle tier using **core Java** and worked with PL/SQL developers on backend design.
* Expertise experience in designing and developing front-end UI using **HTML5(**Hypertext Markup Language)**, CSS3(**Cascading Style Sheets**) frameworks, JavaScript, TypeScript, JSON, jQuery, AJAX, Bootstrap.**
* Thorough knowledge in core Java 8 concepts like **OOP, JDBC, Multi-Threading, Java Concurrency utilities.**
* Implemented **Java 8** featureslike **Lambda Expressions, Parallel Streams, Date API, Optional, Defaults.**
* Experience in implementing the various services using **Microservices** architecture in which the services working dependently, implemented **Spring Boot Microservices** to divide the application into various sub modules, **Pivotal Cloud Foundry (PCF)** and Engagement using **Spring Boot**.
* Expertise in **Spring** framework using Modules like **Spring Core, Spring IOC, Spring Mongo, Spring JDBC, Spring Context, Spring JMS, Spring AOP, Spring Batch, Cloud Data and Spring Cloud Data Flow.**
* Experienced in working with **Spark** eco system using **SCALA** and **HIVE** Queries on Text file and **parquet**.
* Experienced in **Apache Spark** for implementing advanced procedures like text analytics and processing using the in-memory computing capabilities written in **Scala**.
* Strong Experience in **Oracle** and backend programming. Good experience in **MySQL,** **SQL, PLSQL**.
* Wrote **Angular.js** frontend, which queried a custom **Elasticsearch** server for search terms, and hosted everything on an **AWS** instance with **Docker container**.
* Experienced in using **Amazon**, **S3, Lambda**, **Kinesis**, **CloudWatch**, **DynamoDB**and application services in the **AWS** cloud infrastructure. Used **Lambda** functions to insert and retrieve data into **DynamoDB.**
* Managed all aspects of **source code management (GIT /ClearCase/VM** and **Perforce**), builds (**Ant/Maven**), tracking tool (**ClearQuest/JIRA**) and communication needs for a development team.
* Hands-on experience in **Azure Cloud Services** (**PaaS** & **IaaS**), Storage, Web Apps, **Active Directory**, **ARM** **templates**, **Azure Container Service**, **VPN Gateway**, **Content Delivery Management**, **Traffic Manager**, **Azure Monitoring**, **OMS**, **Azure** **Key** **Vault**, **Visual** **Studio** **Online** (VSO) and **SQL** **Azure**.
* Hands-on experience with **IAM** prerequisite analysis, implementation of **Access Gateways** and **SAML** based integration and worked on implementing **IAM** Solutions from the scratch.
* Extensive experience in Amazon Web Services like **EC2, Simple DB, RDS, Elastic Load Balancing, SQS, SNS, AWS Identity and access management, AWS Cloud Watch, Elastic beanstalk and Cloud Front, Redshift.**
* Proficient with container systems like **Docker** and container orchestration like EC2 Container Service, **Kubernetes**, and Deployment of Cloud service including **Jenkins and Nexus on Docker using Terraform.**
* Working with the **JIRA** tool for quality center bug tracking. Analyzed production system problems tracked with Rational ClearQuest and **JIRA**. Switching **JIRA HSQL** database to **SQL** database/ **my SQL**/ **oracle database.**
* Experience in designing and implementing the **WebLogic** application configuration management system based on **WebLogic** **Scripting Tool WLST** and **UNIX** Shell Scripting.
* Developed and deployed **Web Services** - **REST**, **JSON**, **JERSEY**, **JAX-RS.** Developing and exposed **Restful** API with Mashery integration security layer for partner API as well as **SOAP** using **JAX-WS Spring** Interactions.
* Worked on writing the **Maven** script for the build process and maintained the configuration file **POM.xml** for the continuous integration. Created a continuous integration system using **Maven, ANT, Jenkins, Ansible**.

Technical Skills:

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| --- | --- |
| **Web Technologies** | jQuery, HTML, HTML5, CSS, CSS3, TypeScript, AJAX, DOM, RWD, DHTML, XHTML, JSON, XML, SASS, SCSS, Less |
| **Java Technologies** | Spring, Spring Boot/MVC, Hibernate, Servlets, JDBC, JSP, JSTL, Swing, EJB, Scala |
| **JavaScript Technologies** | AngularJS, Angular 2/ 4/ 5/ 6/ 8, React.js, Redux, EXT.js, Backbone.js, Require.js, Node.js, Vue.js, Express.js |
| **Database/RDBMS and ORM** | Oracle, MS SQL Server, MySQL, MongoDB, Redis, Cassandra, CouchDB, PL/ SQL, PostgreSQL, Dynamo DB, Boto3, NumPy, Pandas library |
| **Web Services** | RESTful, SOAP, WSDL, UDDI, AWS (Amazon Web Services), Axis2 |
| **Testing Frameworks** | JUnit, Jasmine, Karma, Mockito, Jest, Log4j |
| **Operating Systems** | Windows, UNIX, LINUX, Mac OS. |
| **Web Servers** | Apache Tomcat, Glassfish, WebSphere, WebLogic, JBoss, Nginx |
| **Tools and Packages** | GIT, IntelliJ IDE, Eclipse IDE, GitHub, Maven, Gradle, ANT, Jenkins, JIRA, Swagger, Grafana, Bitbucket, Docker, Kubernetes, Apache Camel, Kibana, Nexus, Ruby, Nagios, Hadoop, Jersey, Prometheus, Pig, Hive, MapReduce |
| **Web Debug Tools** | Mozilla Firebug (debugger), Chrome developer tools |
| **Languages** | Java, JavaScript, Python |
| **Cloud** | **AWS, GCP, Azure** |

**Professional Experience:**

**Fannie Mae|| Sr. Java Developer Plano, TX|| Jun 2023- Current**

**Responsibilities:**

* Extensive experience in all phases of the **SDLC** of a project which includes requirements gathering, analysis, Java and J2EE development, user - interface design, maintenance, enhancement and testing.
* Extensively working on the **Java 8** new features Lambda, Method references and functional interfaces.
* Used **Gradle** as a build tool automating the building, testing, publishing and deployment loading all the dependencies from the **Nexus** artifact repository.
* Creating scripts in **DSL Groovy** which integrate with **Jenkins** for Automation to create seed jobs.
* Integrated Automation scripts in Continuous Integration tools (**Jenkins**) for nightly batch run of the Script. Created Project plan on **Jenkins**, configured scheduled using **Cron job**.
* Installed multiple plugins to **Jenkins**, Configured Proxy to get auto updates.
* Involved in developing an integration testing framework using **Rest API** web services for all internal projects of the client and that perform **CRUD** operations to the database.
* Built a new cloud native application using **Kotlin, Gradle, Angular 12** front end, **Jenkins**, and **Azure** CI/CD to migrate an old application written in **Java 1.8, Maven**, **Spring boot**, **JSP**, **Docker**.
* Working with a team configuring different alerts for servers, OS, **OpenShift** Platform, applications.
* Troubleshooting **OpenShift** router, analyzing stats with other projects to determine the bottleneck.
* Responsible for maintaining test scripts and test cases for automation with Robot framework.
* Developed and maintained automated tests using **Python** and **Robot framework**. Performed troubleshooting, fixed and deployed many **Python** bug fixes of the two main applications that maintained main source data.
* Developed and executed manual, automated test in different platforms using **Python** and **Selenium** libraries.
* Used **Hibernate** Annotations concept to retrieve data from the database and integrate with Spring BOOT to interact with back-end **SQL** Server.
* Wrote **REST APIs** in **Java 8** to support internalization and set portfolio performance targets.
* Used Data Source concept to connect to database and retrieve the information from DB and designed one Rest Service to display output. Developed **Rest API** to processes data from DB to another Rest Service.
* Extensively used **DAO** patterns, including mapping **DAO** objects, configure file and classes to interact with database. Performed unit testing using Mockito framework and tested DAO's and Business Services.
* Designed and developed asynchronous **RESTful Microservices** using **Spring boot**, Couchbase and RXJava that are consumed by other microservices with an average response time of 30 milliseconds.
* Following Domain Driven Design approach for the **Microservices** and **API/EndPoints** to facilitate reusability and maintenance. Creating Structural and Architectural design starter pack for the Microservices based banking and java standards before sharing to the team or check-in to SVN.
* Developed **RESTful Web services** for other applications to consume. Used **Splunk** to read and work on logs. Used GitHub for version control.
* Used Atlassian tools like **Bitbucket**, **Bamboo** and **Jira** for build and maintenance of the project.
* Used JIRA to keep track of outstanding bugs to reduce downtime, increase productivity, and improve communication.
* Hands on experience with SQL Server and PostgreSQL in constructing DDL/DML triggers, tables, user defined functions, views, indexes, Stored Procedures, user profiles, relational database models.

**HCL|| Sr. Full Stack Developer Frisco, Tx||Jun 2019- May 2023**

**Responsibilities:**

* Provided strategic direction to handle **Software Development life cycle** phases like Requirement gathering, designing, estimating the timelines for the project, used **agile** methodologies (**SCRUM**) for developing application and followed the **Agile** process and complete the user stories scheduled for the **sprint** release.
* Converted a monolithic app to microservices architecture using **Spring Boot** using **12-factor application Development** and deployed, Scaled, Configured, wrote manifest file for various **Microservices** in **PCF**.
* Created single page applications with **Angular** using **TypeScript** to make **Directives**, **Components**, **Services**, **Observables**, **Pipes** driven forms and **Router** for multiple components using **Router Guards** and **Navigation**.
* Created Single page applications with the utilization of JavaScript library **React.js.**In-depth experience in **React.js** techniques like **Redux, JSX, Form Validation, HOC and react-router.**
* Involved in multiple projects taking care of major **Angular.js**work in addition to helping other developers having dependency on angular components. Used angular modules like **angular-animate, angular-cookies, angular-filter, angular-resource, angular-route, angular-sanitize, angular-touch, UI-bootstrap.**
* Developed Single Page Applications by utilizing **React Native, Angular 8, Node.JS, React.JS** and **Backbone.JS in** **MVC** framework. Experience oncore concepts **JavaScript** like closure and **DOM** events.
* Used **Microservices architecture**, with **Spring Boot** based services interacting through a combination of REST and **Spring Boot, Spring Batch, Spring JPA, Spring, Spring Web Flow, Spring Web Services**.
* Designed and developed **Microservices** business components using **Spring Boot**. Consumed **REST** based **Microservices** with **Rest template** based on **RESTful APIs** service using **Python Flask framework.**
* Created a **RESTful Web API** service using **ASP.NET Web API** to generate data for the EMS which was then consumed in the front-end by **AngularJS.** Created a **WCF** Service to generate **API** for use in the project.
* Developed **Microservices** business components using **Spring Boot** and used various annotations such as **Enable Auto Configuration**, **Spring Boot Application**, and **Enable Scheduling** in the spring application.
* Implemented using **SCALA and SQL** for faster testing and processing of data. Real time streaming the data using with **KAFKA.** Importing the data into **Spark**from **Kafka** using **Spark Streaming APIs.**
* Worked in **AWS** for utilizing the **AWS stack** (Including **EC2** and **S3**), in creating **high availability**, **fault tolerance**, and auto-scaling environment. Then configured **AWS EC2** instances, domain mapping via **Route53**.
* Experience in creating alarms and notifications for **EC2, Lambda instances** using Cloud Watch. Multi-Tenancy Storage techniques with **Amazon DynamoDB** and **Lambda, FARGATE.**
* Created and worked with various **SQL** and **NoSQL** databases such as **AWS** **RDS Aurora DB cluster, MySQL, DynamoDB, MongoDB**and connected to the database through DB Instances using the **AWS Java SDK**.
* Experience in managing the clusters using **Kubernetes** and worked on **creating pods, replication controllers, services, labels, health checks**. Design and developed **Containers as a Service (CAAS)** on **Kubernetes.**
* Implemented a **'server less'** architecture using **API Gateway, Lambda, and Dynamo DB** and deployed **AWS Lambda code** and developed **Python Script** from **Amazon S3** buckets. Build a **Lambda Deployment function.**
* Worked on functions in **Lambda** that aggregates the data from incoming events, and then stored result data in Amazon **DynamoDB**. Wrote **Terraform** templates for **AWS** Infrastructure as a code to build staging, production environments & set up build & automation for **Jenkins.**
* Proactive in updating the latest security patches to DB provided by **PostgreSQL** open-source community. Used **Docker** for deployment purpose and used **Kubernetes** to orchestrate the **docker** containers.

**Erie Insurance|| Full Stack Developer Erie, PA|| Jul 2016 – Jun 2019**

**Responsibilities:**

* Used **Agile** practices and **Test-Driven Development** techniques to provide reliable, working software early.
* Auditing credit, risk, finance tools, documents and reports and checking compliance with quality, accuracy.
* Work with infrastructure Service Delivery Managers in designing and executing daily **Kanban** standups.
* Experience with **Angular 6 Directives, Routing, pipes, Animations, Forms, AOT, Lazy Loading, RXJS**.
* Implemented the concepts of **Angular6** **Templates, directives, Routing** and **navigation, Components**, Services, and **Data binding** to deliver a scalable code for **SPA**.
* Used **Angular 6** Template Driven forms and modern driven forms to perform validations both server/clients.
* Created **Angular 6** components, implemented Interpolation, input variables, **Bootstrapping, ng-for, ng-If**, Router Outlet, binding the click event, Component decorator, binding to the hidden property.
* Developed single page applications using **React Redux architecture**, **ES6, web pack** and **grunt.**
* Worked with **CSS** background, **CSS** Layouts, **CSS** positioning, **CSS** text, **CSS** border, **CSS** margin, **CSS** padding, Pseudo elements and **CSS** behaviors. Extensively used **CSS,** **Bootstrap** for styling **HTML** elements.
* Created **POC's** for rest service development using **Node.JS**, **Express.JS** and **MongoDB**.
* Installed secured and configured **Azure**cloud servers and virtual servers using **Spring Cloud**for **Azure**.
* Scaled **microservices**, distributed systems and server less applications using **Simple Queue Service**. Used **IntelliJ IDEA IDE** for app development. Developed micro-services using **Spring MVC** and **Spring Boot**.
* Used **Spring Cloud** and **Spring Boot**to create **RESTful Micro Services** and deploy them to docker containers in **Azure.** Used **Spring Boot** Actuator to monitor the application in production environment.
* Have knowledge on partition of **Kafka** messages and setting up the replication factors in **Kafka Cluster**.
* Written the **Unit.js** testing framework along with **Wire Mock, Junit, Mocha test runners**. Responsible to maintain the **unit test** case using the **Jest snapshots**.
* Involved in creating and extracting data from database using **SQL Queries, My SQL, PL/SQL** Stored procedures, triggers, and packages on **Oracle database**. Deployed the applications on multiple **WebLogic** **Servers** and maintained **Load balancing,** **High availability,**and **Failover** functionalities.
* Developed **API** Gateway using **Node.JS** and Used **MongoDB** as a Database for storing information.
* Worked on different type of indexes on different collections to get performance in **Oracle Data Base.**
* Scalable data design for **MongoDB** and **Redis**, Caching in **MongoDB** With **Redis Cache** using **Spring Boot**.
* Installing and monitoring **PostgreSQL** database using the standard monitoring tools like **Nagios**. Administered database solutions such as **SQL** Server, **PostgreSQL,** and **Mongo DB.**
* Migrated data from **Azure TFS repository** to **AWS** cloud as back end database.

**APPSHARK || Java/ JEE Developer Hyderabad, India||Feb 2015- Dec 2015**

**Responsibilities:**

* Used **Microservices architecture**, with **Spring Boot**-based services interacting with **REST** and **Spring Boot**.
* Involved in documentation (**analysis, specification, design**), deployment and testing phases of Full **SDLC.**
* Extensively Used **React.JS** to make site pages rendering quicker, instead of using **ng repeat** in **Angular.JS** used **ng-React** to accomplish the same.
* Created new **REST** **web service** operations, modified the existing web service's **WADL**.
* Good experience on implementing the **Rest Web Services** using **JAX-RS** annotations.
* Designed **dynamic** and browser compatible pages using **HTML, CSS, Bootstrap** and **JavaScript** using **Ember.js**.
* Developed scripts to monitor **JVM Heap Size**, **JMS Messages** in destination queues in prod environment.
* Implemented email and SSO integration using **Node.js** for backend and **Angular.js** in frontend.
* Gained knowledge on **Kibana** and **Elastic search** to identify the **Kafka** message failure scenarios.
* Used **Clear quest** and **Jenkins** for Continuous Integration and deployment into **Tomcat Application Server**.
* Expertise on **UI** testing with **Junit, Cassandra** and **Jasmine** used for **Angular Scripts**.
* Performed the **analysis, design** and **implementation** of software applications using **Java, J2EE**.
* Involved in implementing the complete Application in the in-build **MVC Architecture** with **AngularJS.**
* Implemented design patterns like **Data Access Objects (DAO)**, **Value Objects/Data Transfer Objects (DTO)**, and **Singleton** etc. Developed **JavaScript** using **Ember.js** validations on order submission forms.
* Coded Modules in **Java, HTML, JSTL, JavaScript, CSS, JSON, JSP** and **Servlets**. Created dynamic **HTML** pages, used **JavaScript** for **client-side validations**, and **AJAX** to create interactive **front-end GUI**.
* Implemented the application using **Spring Boot** Framework and handled the security using **Spring Security.**
* Implemented the **MVC architecture** using the **Spring framework**, Action Form bean and configured the **Spring- config.xml** file. Integrated **jQuery** Grid View for all Data View for the product.
* Extensively used **Spring JDBC template** and **hibernate** for performing Database Transactions.
* Worked on writing the **Maven** script for the build process and maintained the configuration file **POM.xml** for the continuous integration. Created a continuous integration system using **Maven, Jenkins, Ansible**
* Worked on **SQL** queries with **Oracle SQL** developer to **select, insert, update, joins** etc. for **testing** and development purpose in local environment.