PROFESSIONAL SUMMARY

* Overall, 9 years of experience in requirements gathering, deployment of Web Applications and client server multi-tier applications using Java/J2EE technologies.
* Excellent experience in designing and implementing Web, Client/Server and distributed, cross-platform systems using Java/J2EE technology with **Agile/SCRUM** Methodology.
* Worked with core java concepts like **Collections, Multithreading, Exception Handling and Polymorphism**.
* Hands on Experience in **Java 1.8**.
* Used java8 features like **streams, lambda expressions, functional interface, and type annotations**.
* Created **REST Microservice APIs** using Spring Boot Application.
* Used Spring Boot for developing stand-alone applications and generated Maven project using Jetty as embedded server, added a RESTful Spring MVC Controller that responds to a request using post, and **Swagger** for describing and **documenting the RESTful API’s**.
* Developed **Micro services using RESTful services** to provide all the **CRUD** capabilities.
* Strong experience in Spring Framework such as **Spring MVC, IOC, AOP and Spring Data Jpa**.
* Wrote **DAO classes** in **persistence layer** using Spring and Hibernate for DB interactions.
* Worked with design patterns like **Factory Method, Abstract Factory, Singleton, Builder, Session facade, MVC and DAO patterns** in software design.
* Experience in using build tool as Gradle and Maven to compile, package the components to the Application Servers MAVEN scripts for customizing WAR/ JAR file management for web applications and log4J.
* Experience in Web/Application Servers for deploying and configuring web applications.
* Hands on Experience in GIT.
* Involved in all the phases of SDLC from requirement analysis, designing, coding, UAT, documentation & implementation.
* Have Knowledge on AWS cloud services like **EC2, S3, EKS, EBS and Lambda function**.
* Experience in **Unit Testing** and generating of Test cases using Junit following TDD practices.
* Good technical, communications and interpersonal skills. Able to work reliably under pressure.
* Committed team player with strong analytical and problem-solving skills.
* Developed and maintained Elasticsearch-based applications, utilizing Java programming language.
* Designed and implemented Elasticsearch indexing strategies to optimize search performance.
* Created custom analyzers, tokenizers, and filters to improve the quality of search results.

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| TECHNICAL SKILLS: |

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| Programming Languages | Core Java |
| Web Technologies | JavaScript, Angular 8/9/12, React JS |
| Java Design Patterns | MVC, Singleton, Front Controller Factory, Abstract Factory. |
| IDE & Reporting Tools | Eclipse (Oxygen), IntelliJ IDEA, and IntelliJ. |
| Design Methodologies |  Object Oriented (OOA/OOD), MVC |
| J2EE MVC Frameworks | Hibernate, Spring BOOT, Spring MVC, Spring Integration. |
| Databases | DB2, MySQL, SQL Server, Oracle, and MongoDB. |
| Application Servers | IBM WebSphere, Oracle Web Logic, and Apache Tomcat. |
| ORM Frameworks | Hibernate, Spring Data JPA. |
| Build Tools | Maven and Gradle. |
| Web Services Specifications |  REST API |

PROFESSIONAL EXPERIENCE

**Client: Wells Fargo**  Feb 2022 – current

Location: San Leandro, CA

Role: Java Developer

Responsibilities:

* Worked on an **Agile (Scrum) Development Team** to deliver regular updates to business team and project managers.
* Experience working with **Core java collection, and exception handling**.
* Worked on Java 8 features like **functional interfaces, lambda expression, optional class, and Stream API.**
* Executed Java EE components using **Spring MVC, Spring IOC, spring transactions and spring security** modules.
* Experience working with **hibernate** for in **data access layer** to access and updates in database.
* Performed **CRUD operations** like Update, Insert and Delete data in Mongo DB.
* Applied industry-standard development techniques for application service components by configuring Java Beans using **Spring IoC (Dependency Injection)**.
* Implemented **REST Microservices** using spring boot.
* Generated Metrics with method level granularity and Persistence using **Spring AOP and Spring Actuator**.
* Used the **springdoc-openapi** Java library in the Spring Boot project to generate the **documentation for the Restful API (Swagger-UI).**
* Experience in **handling messaging services** using **Apache Kafka.**
* Configured **Kafka** to read and write messages from external programs.
* Implemented **OAuth2, CORS** by Spring security.
* Designed and developed **Microservices** using REST framework and Spring Boot.
* Exposed the application as a Restful web service and implemented the **authentication**.
* Used **Web client** to use the exposed REST Web Services.
* Developed **RESTful Web services** to create new subscription/account and updating them for mobile value chain in JSON format and consumed Rest Web services from the browser using Angular.
* Used Spring Core for concept **Inversion of control (IOC)** implemented using dependency injection.
* Experience writing **unit test cases** using **Junit and Mockito**.
* Used **Jenkins** for Microservices deployment.
* Have Knowledge on AWS cloud services like EC2, S3, EKS, EBS and Lambda function.
* Configured AWS and Security Group in Public and Private Subnets in **VPC**.
* Application based on Micro service architecture to be **migrated to AWS cloud environment**.
* Develop Jenkins jobs to build and deploy server and UI code using and GIT repository to transfer to Linux based servers and AWS non-prod environments.
* Migrated all the object storage to AWS S3 Buckets and Created IAM role with S3 full access and attached to EC2s to access data without credentials.
* Working with DevOps practices using AWS, Elastic bean stack, Docker with Kubernetes (EKS).
* Strong experience with containerization using **Docker.**
* Installed, configured, and managed Kubernetes applications using Helm charts.
* Developed custom Helm charts for Kubernetes applications, including managing dependencies and versioning.
* Used Prometheus to collect and analyze metrics from Kubernetes applications, infrastructure, and services.
* Created custom Prometheus alerts, dashboards, and visualizations to monitor the health and performance of Kubernetes applications.
* Worked with Prometheus exporters, such as the Node Exporter and the Kubernetes API Server Exporter, to collect metrics from various sources.
* Integrated Prometheus with other monitoring tools, such as Grafana, to provide comprehensive monitoring and observability for Kubernetes applications.
* Used **Kubernetes** to orchestrate the deployment, scaling and managing docker container.
* Deployment of such containers to **Kubernetes Pods.**
* Setup of ELK (Elasticsearch, Logstash & Kibana) on **Kubernetes Deployment** of ConfigMaps, Secrets and **Volumes on Kubernetes.**
* Build and maintain highly available systems on **Kubernetes**.
* Implement an auto-scaling system for our **Kubernetes** nodes.
* Used **Git** for code repository and **Gradle** for building dependencies.

**Environment: Java 1.8, Spring, Spring Boot, Hibernate, Apache Tomcat 8, Kafka, Git, Maven, Docker, Kubernetes, Elastic search, Kibana, AWS, EC2, S3, EKS, ECR, Splunk, New Relic, JMeter, Agile, Scrum, JIRA and TDD.**

**Client: AT & T**  March 2021 – Feb 2022

Client Location: Dallas, Texas

Role: Java Developer

Responsibilities:

* Worked on **Agile Methodology** with bi-weekly sprints, and daily scrum meetings with backlogs and story points.
* Developed application on spring framework by utilizing its features like **Spring Dependency injection, Spring Security and Spring MVC**.
* Experience working with **hibernate** for backend layer.
* Used **Spring AOP** in case of **logging and security**.
* Used Spring Boot framework to write **Presentation Layer, Business Layers and Controller Servlets**.
* Used Microservice with Spring Boot interacting through a combination of REST and **Apache Kafka message brokers**.
* Implemented Data validations for critical functionalities.
* Implemented **OAUTH 2 (Rest service authentication)** in our application to communicate securely with other protected resources by exchanging access tokens for authentication instead of using username and passwords.
* Developed code using various patterns like **Singleton, Front Controller and Value Objects, Data Access Object**.
* Experience working with **spring Data Jpa** for **DAO layer**.
* Experience working with **HQL queries**.
* Designed developed and maintained the data layer and performed configuration of Spring Application Framework.
* Configured **Kafka** to handle real time data.
* Experience with **MongoDB**, including designing and implementing data models, performance tuning, and troubleshooting
* Experience with integrating MongoDB and Spring Boot, including using **Spring Data MongoDB and Mongo Template.**
* Familiarity with other **NoSQL** databases and experience with data migration between different types of databases
* Knowledge of best practices for securing **MongoDB** and experience with implementing security measures such as authentication and authorization.
* Experience in Agile methodologies and familiar with CI/CD pipeline.
* Strong understanding of Java Collections, Generics, and Concurrency.
* Familiarity with other Java-based technologies such as Spring framework, Hibernate, and Maven.
* Designed and developed Micro Services business components and RESTful service endpoints using Spring MVC, to process high volume data files, with **AWS S3** as the data sources and data sinks.
* Worked with AWS cloud infrastructure in a hybrid setup. Provisioned resources through automation tools, and scheduled backups by applying **CloudWatch** rules to automate snapshot creation.
* All development in GitHub code control system and made use of Docker images and Vagrant setup scripts for deployment on EBS volume backed **AWS EC2 cloud servers**.
* Well versed in managing **IAM service** to administer AWS resources effectively.
* Hands on experience in IAM roles to access AWS resources without credentials & enabling MFA (multi factor authentication).
* Troubleshot and resolved issues with Helm and Prometheus, including diagnosing problems with application deployments and identifying performance bottlenecks.
* Worked with teams to ensure compliance with best practices for Kubernetes application deployments and monitoring.
* Provided training and support to developers and other team members on how to use Helm and Prometheus to deploy and monitor Kubernetes applications.
* Stayed up to date with the latest developments in Helm and Prometheus, including new features, bug fixes, and security updates, and made recommendations on how to incorporate these changes into existing deployments.
* Having complete hands-on experience in Route53 like purchasing domain names from AWS also from other sites & creating Record sets to provide alias names for load balancers DNS names.
* Configured Cloud Watch to monitor AWS resources, to get alarm alerts, to maintain high availability and to reduce downtime.
* We have taken lead in migration process of servers & data from on-premises data center to AWS Cloud.
* Created AWS VPC from the scratch, defined IP ranges in VPC to have better control over VPC.
* Used **Docker, Docker Compose** and **Kubernetes** as development environment for developed microservices.

**Environment: Java 1.8, Spring 4.1.1, Hibernate, Spring Data JPA, Spring Boot, REST web services, Kafka, Agile, AWS, T- SQL, Kibana, Jenkins, Docker, and Kubernetes.**

**Client: J B Hunt** Feb 2020 – Feb 2021

Client Location: Lowell, Arkansas

Role: Java Developer

Responsibilities:

* Involved in all the phases of **SDLC** including Requirement gathering, Design & Analysis of Customer Specifications, Development and Customization of the Application.
* Designed & developed Application using Spring Framework, Spring MVC and spring templates.
* Developed the SOA (Service Oriented Architecture) application using Spring REST and Jersey to build rest-based Web services.
* Developed the web interface for end users using Angular and included two-way binding and DOM manipulation.
* Hands on experience with data persistency using **Hibernate and Spring Framework**.
* Used Spring Boot to develop REST webservices within the application.
* Involved in setting up Maven configuration and helping Continuous Integration (CI) Issues.
* Developed Spring Framework based Restful Web Services for handling and persisting of requests and Spring MVC for returning response to presentation tier.
* Worked with Spring modules like **AOP, ORM, and security**.
* Created and injected **Spring Services, Spring Controllers and DAOs** to achieve dependency injection and to wire objects of business classes.
* Designed and developed application using **Spring Framework-IOC/DI, Spring MVC, Servlets, and POJO integrating with Hibernate** framework.
* Used REST Client **POSTMAN** to check response of various API calls.
* Performed the client-side authentication and authorization, JSON Web Tokens (JWT), Protective routes and redirecting the users to desired pages.
* Good experience on working with **OAUTH2.0** to provide **authentication and authorization** to Rest services by exchanging Access tokens.
* Developed **unit test cases** and suits on **Junit framework** for unit testing by following **TDD approach**.
* Extensively used **Hibernate Relational mappings (One-To-Many, Many-To-Many).**
* Worked on **Hibernate Cache, Query, Criteria and Transactions**.

 **Environment: Java/J2EE, Spring, Hibernate, Oracle, REST Web Services, HTML, CSS, JavaScript, JDBC, TDD, Agile, JUnit, Jersey, SOAP UI, Angular, AJAX, GIT, Maven, and Jenkins.**

**Client: UPS July 2018 – Jan 2020**

**Location: Parsippany, New Jersey
Role: Full Stack Developer (Angular/Java)**

Responsibilities:

* Involved in the complete **Software Development Life Cycle** including gathering Requirements, Analysis, Design, Implementation, Testing and Maintenance.
* Used **Spring Batch** for processing large amount of data like transaction management, job processing, resource management and logging.
* Used **NPM**for installing required node modules and other published Angular NPM modules.
* Updated the application with new features of Angular 6.
* Designed and developed various Micro services using spring boot, with microservice architecture using REST framework. Also, used Hibernate for integration with spring framework.
* Created Angular Template Driven Forms and Reactive Forms in the application with ng Model, ng Model Group, ng form, form Array, form builder and adding Validation to the forms.
* Used Hibernate for generating entities and writing **HQL queries**.
* Wrote My SQL Queries, stored procedures, triggers, packages on Oracle Database.
* Worked on Rest Web services, to specify the business behaviors and backend calls.
* Implemented the ORM layer completely from the scratch to replace the JDBC which already existed in the environment.
* Experience of design and develop Microservices, transform Monolithic architectures into Microservices using open-source framework like **Spring Boot and Spring Cloud Netflix**.
* Created architecture towards a Microservices approach using **RESTful Web-Services** by using Spring Boot.
* Used JavaScript extensively to code client-side validations.

**Environment: JAVA, Hibernate, Spring, SQL Developer, RESTful Services, Swagger, and Git.**

**Client: GEICO** Feb 2017 – Jun 2018

Location: Washington DC

Role: Software Engineer

Responsibilities:

* Implemented application using MVC architecture integrating **Hibernate and spring** frameworks.
* Developed Spring Framework based Restful Web Services for handling and persisting of requests and Spring MVC for returning response to presentation tier.
* Used Spring Core for **dependency injection/Inversion of Control (IOC)** to have loose coupling.
* Wrote SQL Queries to interact with Oracle Database.
* Created and injected **Spring Services, Spring Controllers and DAOs** to achieve dependency injection and to wire objects of business classes.
* Designed and developed application using **Spring Framework-IOC/DI, Spring MVC, POJO with Hibernate** framework.

 **Environment: Java Hibernate, Spring, SQL Developer, REST Web Services, SOAP UI, CSS, HTML, JavaScript, and Git.**

**Client: Ciber Global May 2013 – August 2015**

**Location: Bangalore, India**

**Role: Software Engineer**

Responsibilities:

* Designed and developed application using **Spring Framework-IOC/DI, Spring MVC, integrating with Hibernate f**ramework.
* Used the **JDBC** for data retrieval from the database for various inquiries.
* Wrote **SQL Queries** to interact with Oracle Database.
* Involved in **critical bug fixing** and enhancement of the application.
* Used **Log4j** for logging and debugging application.
* Configured the **Hibernate configuration** files to persist the data to the Oracle Database.

**Environment: Java, Hibernate, Spring, SQL Developer, Web Services, SOAP UI.**

 **EDUCATION:**

* Masters in computer science (2016 passed out), Campbellsville University, Kentucky, KY
* Bachelors in computer science (2014 passed out), Qis College of Engineering and technology, India