**Prathiksha Gowda**

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**PROFESSIONAL SUMMARY**

* **IT** professional with around **10 years** of experience in developing web based, **SOA** based and **client/server applications in multiplatform environments with Java/J2EE technologies,** Involved in all the phases of Life Cycle of Software Development **(SDLC).**
* Hands on experience in working with **OOPS Concept**, **Collections, Exception Handling, Multithreading, Data Structure** and **Algorithms.**
* Extensive experience and actively involved **in Requirement gathering, Analysis, Design, Reviews, Coding, Code Reviews, Unit** and **Integration Testing**.
* Implemented the service projects o**n Agile Methodology and involved in running the scrum meetings**.
* Extensively involved in **Test Driven Development.**
* Has enough knowledge in using **JAVA 11, JAVA 8** features like **Lambda Expressions, Streams, Method References, Repeating Annotations and Method Reflections.**
* Experience with amazon web services **(AWS)** and amazon cloud technologies such as **Amazon EC2** (virtual servers), **Amazon Cloud Watch** (monitoring).
* Knowledge of application development for Cloud platforms using technologies like **Java/J2EE, Spring Boot, Spring Cloud, Micro Services**.
* Expertise in client scripting language and server scripting languages like **HTML, CSS**, **JavaScript, jQuery, AngularJS, AngularTS, Angular 2, Angular 8, ReactJS, VueJS, JSP.**
* Experience in **Spring Framework** such as **Spring IOC, Spring JDBC**, **Spring MVC, Spring Security, spring Boot, Spring Batch, Junit, Hibernate.**
* Good Experience using Object Relational Mapping (**ORM**) tool like **Hibernate** and **JPA.**
* Experience in development, deployment and troubleshooting Web based and enterprise-based applications on **Windows, UNIX, and Linux platforms.**
* Experience in working with messaging systems like Apache **Kafka, RabbitMQ.**
* Experience in deployment process by writing **shell scripting** and expertise using **WinSCP** and **secure FTP** for sharing the files between **Linux** boxes and windows.
* Experience in developing web-services using **REST API, SOAP, WSDL and Apache AXIS2, UDDI, WSDL, JAX- RPC, JAX-RS JAX-WS, JAX-B.**
* Experience in designing transaction processing systems deployed on various application servers including **Tomcat**, **Web Sphere, Web logic, JBoss.**
* Used **CVS, Git, GitHub and SVN** for Source code version control.
* Excellent **Client interaction skills and proven experience** in working independently as well as in a team.
* Experience in implementing client-server business applications using Spring boot and **Micro services**.
* Actively involved in the DevOps streamlining process through **Jenkins** CI and **CD** Release Automation.
* Decent experience in building tools like **ANT, Maven, Gradle**.
* Hands on experience in creating **Docker images** to solve containerization issues**.**
* Involved in issue tracking and agile project management using **JIRA.**
* Basic knowledge on Python programming.
* Excellent **analytical** and **critical thinking, creative problem solving, quick learning, interpersonal** and **client interfacing skills.**

# **TECHNICAL SKILLS:**

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| **Programming Languages** | Java, J2EE, SQL and PL/SQL. |
| **Platforms** | Windows, Linux, Unix, Mac |
| **J2SE/J2EE Technologies** | Java, J2EE, Servlets, JSP, JMS, JavaBeans, JSTL,Struts, EJB, Spring, Hibernate, Apache Camel, JTA, JNDI, JPA, Web Services SOAP (JAX-RPC, JAX-WS), RESTful (JAX-RS), WSDL and UDDI. |
| **Web Technologies** | HTML5, CSS3, Bootstrap, Ajax, JavaScript, jQuery, NodeJS, AngularJS, Angular 2, Angular 8, ReactJS. |
| **XML Technologies** | XML, XSL, XPATH, DOM, SAX, DTD, XQuery, XSD and XSLT. |
| **Cloud Technologies** | Amazon Web Services (AWS). |
| **Databases** | Oracle, My SQL, SQL Server, IBM DB2, Mongo DB and Dynamo DB. |
| **Web/Application Servers** | Apache Tomcat, IBM Web Sphere, Web logic and JBOSS. |
| **Build Tools** | ANT, Maven and Jenkins |
| **IDE / Tools** | IntelliJ, Spring Tool Suite (STS). Eclipse |
| **Testing Tools/ Others** | Selenium, JUnit, Mockito, Soap UI, Log4j. |
| **Version Control** | Tortoise SVN, CVS and GIT. |
| **Design Patterns** | Singleton, Factory, Prototype, Business Delegate, Session Facade, Service locator, Visitor, Observer, Decorator, Front Controller and DAO pattern. |
| **Methodologies** | Agileand Test-Driven Development |
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**PROFESSIONAL EXPERIENCE**

**Client: Nordstrom May 2022 – Till Date**

**Location: Seattle, USA**

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

**Roles & Responsibilities:**

* Worked as per **Agile** Methodology (**Scrum**) to meet customer expectation, timelines with quality deliverables.
* Connected to Data sources and performed operations using **Spring Data Framework** features like **Spring JDBC** and **Spring ORM**.
* Worked extensively on **Spring boot** for building web service.
* Secured the Restful API's by implementing **OAuth2** token-based authentication/authorization scheme using **spring security**.
* Developed the persistence layer using **Hibernate** Framework, created the **POJO** objects and mapped using **Hibernate annotations**.
* **Implemented service layer on the top of DynamoDBusing Core Java and Restful API.**
* Enforcing code quality control by performing refactoring and enhancing test coverage through **SonarQube**.
* **Use of Rest Template to make REST API calls.**
* **Worked with GraphQL endpoint.**
* **Monitoring system logs and triaging Prod issues across Cloud and on prem Java applications.**
* **Used Jenkins for CI/CD pipeline**
* **Experience with code promotions in different environments after testing and setup.**
* **Responsible for initial set up of Apache Kafka in the projects.**
* **Used Apache Kafka for publishing and consuming messages to the topic.**
* **Used**GitHub as source control for the Code.
* **Implemented applications using Java and Kafka Streaming libraries.**
* Strategy planning, design, development and deployment of Azure cloud migration from in-house environments.
* **Support updates and upgrades for Apache Kafka.**
* Consumed **REST** based **micro services** with **Rest** template based on **RESTful APIs**.
* Analyze business requirements and develop various business delegates to integrate with Middleware services like **JAX-WS** using **SOAP and REST.**
* Used Splunk and **Kibana** for monitoring logs.
* Utilized **Amazon** Web **Services** (**AWS**) **EC2** to deploy Docker containers.
* Developed Data Services using XML messages that use**REST**web services, Created **REST** envelope.
* Used ReactJS for one of the front ends app.
* Used Angular 8 for one of the internal testing tools.
* Used **JIRA** tool for Issue/bug tracking, monitoring of work assignment in the system.
* Re-design and implement CI build system using **Jenkins.**
* Migrated **EJB** application to Spring Boot
* Used **log4j for system logs.**
* Wrote unit test cases with **Junit** and **Mockito.**
* Used **SonarQube** for code quality and coverage**.**
* Knowledge of Azure DevOps, SCM, Continuous Integration/ Delivery (CI/CD) and Test-Driven Development (TDD).
* Used **Kubernetes** and **Docker** for Containerization and orchestration.
* Worked on Rabbit MQ for publishing small messages.
* Developed **Maven** scripts to build and deploy the application in the **WebSphere** Application Server.
* **Log4J** was used to monitor the error logs and used **GITHUB** as version control tool.

**Environment**: Java 8/11, J2EE Spring Boot, Spring Batch, Apache Kafka, AWS (ECS, EKS, Secret Manager, S3, Lambda, CloudWatch), Kubernetes, Docker, NoSQL, HTML5, CSS, Spark, Selenium, TDD, Splunk, Hibernate, Angular, React, Nodejs, Webpack, REST, Junit, Mockito, Power Mock, Mock MVC, Gradle, Lambda, Oracle, Cucumber, Jira, Confluence

**Client: Wayfair Oct 2019 – May 2022**

**Location: Boston, MA**

**Role: Senior Full stack Java Developer**

**Roles & Responsibilities:**

* Worked as per **Agile** Methodology (**Scrum**) to meet customer expectation, timelines with quality deliverables.
* Responsible for creating efficient design and developing user interaction screens using **HTML5, CSS3, JavaScript, jQuery, Ajax** for service calls on pages to interact with the server.
* Migrated legacy app that is written in HTML, CSS, JavaScript to **ReactJS**
* Implemented different validation control on the webpagesand used **Angular 8** for one of the applications.
* Involved in responsive design and developed a single ISOMORPHIC responsive website that could be served to desktop, Tablets and mobile users using React JS.
* Used React JS to create views to hook up models to the DOM and synchronize data with server as a Single Page Application (SPA).
* Implemented REST API using Node.js.
* Used node.js as a proxy to interact with RESTful services and interacting with PostgreSQL Database.
* Involved in building a high efficiency Dynamic single and multiple Web Application Using **Bootstrap.**
* **Used Cloud solutions OpenShift by Red Hat, containers, Kubernetes, cloud management (Red Hat Cloud Forms).**
* **Experience working with AWS/RedHat OpenShift Infrastructure design, deployment**
* Involved in research, implementation, and review of**jQuery**and **JavaScript** functions to use plugins for representing data in graphs.
* Used Apache Kafka for Publishing and consuming messages in the application.
* Used Postman for API testing.
* **Developed data transformer for converting legacy data from source tables to Avro format and fedinto Apache Kafka using Camel.**
* Deep understanding of **OOPS** concept, **Data structures**, **Algorithms**.
* Connected to Data sources and performed operations using **Spring Data Framework** features like **Spring JDBC** and **Spring ORM**.
* Implemented logging and transaction manager using **SpringAOP** concept.
* Worked extensively on **Spring boot** for building web service.
* Secured the API's by implementing **OAuth2** token-based authentication/authorization scheme using **spring security**.
* Developed the persistence layer using **Hibernate** Framework, created the **POJO** objects and mapped using **Hibernate annotations**.
* **Implemented service layer on the top of Cassandra using Core Java and Restful API.**
* **Developed DAO layer using Cassandra and** expertise in **CQL (Cassandra Query Language)**, for retrieving the data present in Cassandra cluster by running queries in **CQL**.
* Extensive experience working with RDBMS such as **MySQL, DB2, Oracle.**
* Consumed **REST** based **micro services** with **Rest** template based on **RESTful APIs**.
* Analyze business requirements and develop various business delegates to integrate with Middleware services like **JAX-WS** using **SOAP and REST.**
* Consumed **WSDL** file and convert to **JSON** object
* Worked on creating XML as final output file to send to downstream systems.
* Implemented a centralized logging system using log stash configured as an **ELK stack (Elastic search, Log stash, and Kibana)** to monitor system logs, **AWS Cloud Watch**, **VPC Flow logs**, changes in **S3** etc.
* Utilized **Amazon** Web **Services** (**AWS**) **EC2** to deploy Docker containers.
* Developed Data Services using XML messages that use **REST**web services, Created **REST** envelope.
* Worked on **Apache Kafka** to publish messages and read messages from Kafka queues.
* Used **JAXB** to read the xml file and then created instances of a generated classes.
* Used **XSLT** to change the Data formats into **XML** to **XML** and **XML** to **PDF** formats.
* Worked with **RabbitMQ** for messaging with social application in the bank monitored it.
* Used **JIRA** tool for Issue/bug tracking, monitoring of work assignment in the system.
* Re-design and implement CI build system using **Jenkins.**
* Knowledge on **Apigee Hybrid** for developing and managing API proxies.
* Worked with executed unit test cases by using **JUNIT** for accuracy of code and logging with **log4j.**
* Developed **Maven** scripts to build and deploy the application in the **WebSphere** Application Server.
* **Log4J** was used to monitor the error logs and used **GIT** as version control tool.

**Environment** Microservices, HTML 5, CSS3, Sass, Less, JavaScript, Connect Bootstrap, Ajax, React JS, Redux, Kafka, My SQL, XML, XSL, XSLT, JSON, Jenkins, maven, Spark, Git hub, AXIOS, Restful API, AWS, JIRA, MS Azure, Docker, Kubernetes and Cosmos DB and Jasmine.

**Client: Verizon Nov 2018 – Sept 2019**

**Location: New jersey City, NJ**

**Role: Senior Full Stack Developer**

**Roles & Responsibilities:**

* Developed the view-controller components using **Angular 8.**
* Used **Spring Batch** for processing large amount of data like transaction management, job processing, resource management and logging.
* Secured the API's by implementing **Oauth2** token-based authentication/authorization scheme using **spring security**.
* Created **Web service** methods and worked on with making changes to the WSDL and **SOAP** protocols as required by the design for the application.
* Involved in writing **No-SQL** and **Stored Procedures** for handling complex queries with help of **TOAD** and access them through Java Programs.
* Worked with **MySQL database.**
* Used **WebSphere** server to route our **JMS** queue messages to different business floors and configured routes in **WebSphere** and used **JMS** in e-mail notification.
* Worked on setting up **Maven** scripts to build, package, and deploy application code to the target **WebSphere** Application Servers and worked on continuous integration servers like **Jenkins**.
* Focused on **Test** **Driven** **Development** there by creating detailed **JUnit** tests for every single piece of functionality before writing the functionality.
* Worked in **Agile TDD** environment using SDLC tools like **GIT, Jira, Jenkins**, **Maven** for build packaging and deployments of the application components.
* Hands on experience in Azure Development, Azure Storage, Azure SQL
* Experience in Azure Monitoring
* Implemented routing logic and navigation from screen to screen and implemented login functionality on the client side in **AngularJS**.
* Created **Single Page Application (SPA)** with loading multiple views using route services and adding more user experience to make it more dynamic.
* Validated forms using **Angular2** and regular expressions by providing client-side validation and server validation.
* Used **Java 11 Lambda** expressions along with **Streams** for creating internal iteration and performing chain operations such as Filter, Map, Collect on a collection.
* Implemented **core** features of **AngularJS** framework such as dependency Injection, Databinding, Filters, Directives, Templates, Services and Deep Linking Designing.
* Developed **Apache Camel** endpoints and used producer template to route messages to **JMS** queues.
* Designed and developed **Micro Services** business components and **RESTful** service endpoints using **Spring MVC**.
* Worked with **Spring IOC** for implementing **DI** and used **Spring MVC** framework for implementing **Model-View- Controller (MVC)** architecture at the Web tier level to isolate each layer of the application so that complexity of integration will be reduced, and maintenance will be very easy.
* Used **Spring AOP** for solving crosscutting concerns like keeping logged data and transactions details.

**Environment**: JAVA/J2EE, Microservices, Spring Boot, NodeJS, RESTful, Hibernate, JSON, Spring Cloud, OAuth2.0, Angular, HTML, CSS, JS, Bootstrap, Kubernetes, SQL DB, Spark, Oracle, Apache Kafka, Junit, Mockito, Cucumber, Protractor, Jenkins, AWS, Git, SonarQube, Maven, Log4j, Jira

**Client: Tuutkia Feb 2016 – Oct 2018**

**Location: San Jose, CA**

**Role: Java/J2EE Developer**

**Roles & Responsibilities:**

* Involved in various phases of Software Development Life Cycle (**SDLC**) such as requirements gathering, modeling, analysis, design, development, and testing.
* Developed the view-controller components using **JSPs**, **HTML5**, **CSS3**, **AJAX**, **JavaScript (jQuery**).
* Implemented routing logic and navigation from screen to screen and implemented login functionality on the client side in **AngularJS**.
* Created **Single Page Application (SPA)** with loading multiple views using route services and adding more user experience to make it more dynamic.
* Validated forms using **Angular2** and regular expressions by providing client-side validation and server validation.
* Created Typescript reusable components and services to consume **RESTAPI's** using Component based architecture provided by **Angular2**.
* Used **Java 8 Lambda** expressions along with **Streams** for creating internal iteration and performing chain operations such as Filter, Map, Collect on a collection.
* Implemented **core** features of **AngularJS** framework such as dependency Injection, Data-binding, Filters, Directives, Templates, Services and Deep Linking Designing.
* Developed **Apache Camel** endpoints and used producer template to route messages to **JMS** queues.
* Involved in creating Message enrichers and customizing **REST** responses using **Camel** Free markertemplates
* Used **Node.JS** for building web applications with client-server architecture, where both can initiate communication in two-way connections and allow them to exchange data.
* Designed and developed **Micro Services** business components and **RESTful** service endpoints using **Spring MVC**.
* Used **Microservice**architecture with **Spring Boot**based services interacting through a combination of **REST**and **Apache Kafka**message brokers.
* Worked with **Spring IOC** for implementing **DI** and used **Spring MVC** framework for implementing **Model-View- Controller (MVC)** architecture at the Web tier level to isolate each layer of the application so that complexity of integration will be reduced, and maintenance will be very easy.
* Used **Spring AOP** for solving crosscutting concerns like keeping logged data and transactions details.
* Used **Spring Batch** for processing large amount of data like transaction management, job processing, resource management and logging.
* Secured the API's by implementing **Oauth2**token-based authentication/authorization scheme using **spring security**.
* Created **Web service** methods and worked on with making changes to the WSDL and **SOAP** protocols as required by the design for the application.
* Involved in writing **No-SQL** and **Stored Procedures** for handling complex queries with help of **TOAD** and access them through Java Programs.
* Worked with **MongoDB** to store non-relational data into collection and retrieve them whenever required.
* Used **WebSphere** server to route our **JMS** queue messages to different business floors and configured routes in **WebSphere** and used **JMS** in e-mail notification.
* Extensively used core java concepts like collection frame work, multi-threading, **OOPS** and Exception Handling
* Worked on setting up **Maven** scripts to build, package, and deploy application code to the target **WebSphere** Application Servers and worked on continuous integration servers like **Jenkins**.
* Focused on **Test** **Driven** **Development** there by creating detailed **JUnit** tests for every single piece of functionality before writing the functionality.
* Worked in **Agile TDD** environment using SDLC tools like **GIT, Jira, Jenkins**, **Maven** for build packaging and deployments of the application components.
* Hands on experience in Azure Development, Azure Storage, Azure SQL
* Experience in Azure Monitoring

**Environment**: JAVA/J2EE, Microservices, Spring Boot, NodeJS, RESTful, Hibernate, JSON, Spring Cloud, OAuth2.0, Angular, HTML, CSS, JS, Bootstrap, Kubernetes, SQL DB, Spark, Oracle, Apache Kafka, Junit, Mockito, Cucumber, Protractor, Jenkins, AWS, Git, SonarQube, Maven, Log4j, Jira

**Client: Target June 2013 - Dec 2015**

**Location: Bangalore, India**

**Role: JAVA Developer**

**Roles & Responsibilities:**

* Worked in **Agile TDD** environment using SDLC tools like **GIT, Jira, Jenkins**, **Maven** for build packaging and deployments of the application components.
* Wrote JavaScript for client-side validation.
* Wrote SQL for JDBC prepared statements to retrieve the data from database
* Monitored the logs using Log4J and fixed the problem
* The application was deployed on the Tomcat
* Used CVS as version control system
* Environment: J2EE, JDBC, Struts, JavaScript, Html, CSS, JSP, Servlet, Tomcat, Oracle, Eclipse IDE, CVS, ANT, Log4J
* Created user-friendly GUI interface and Web pages using HTML, CSS and JS

**Environment:** Java, J2EE, JDK, Web Sphere Application Server, JDBC, Log4j, Web Services, SOAP, JUnit, HTML, XML, Apache Ant, Oracle, UML, WebLogic, Oracle DB, CRUD, Eclipse, Waterfall methodologies.