**Tejas Rameshbhai Patel**

**Full Stack Java Developer**

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**PROFESSIONAL SUMMARY:**

* **Around 8 years of strong software experience** in designing using **Java & J2EE** Technologies, developing and deployment of web-basedstrong development and hands-on experience in **J2EE, Cassandra** technologies such as JSP, Servlets, **Hibernate,** JDBC, Web Services **(SOAP, REST)**
* Extensive experience of designing and developing software applications with the EJB, Java, JSP, Servlets, Java Beans, JNDI, AJAX, JMS, ORM, JNDI, **Web Services (SOAP, REST), JDBC,** JAXP, **Node JS, Spark,** RMI, XML, JavaScript, J Query, CSS, JSON**.**
* Responsible for planning Presentation level (web pages) using the concepts like **HTML, XML, Spark, CSS, Cassandra, JavaScript** and to some extent J Query using **AJAX.**
* Experience in **Python** **Open Stack** **API'S, MicroServices** and Scaling up projects using **python** tools like **multithreading**, **celery** using **Spring** **Core** Annotations for Dependency Injection **Spring** **Boot** for **REST API** s and **Spring** **Boot** for **MicroServices**.
* Experience in developing **J2EE** based Web Services to expose useful functionality to web users through **SOAP**, describing them using **WSDL,** registering them using **UDDI, Node JS, Spark** for easy availability to potential users and consuming using **Axis2 and JAX-WS.**
* Working on IDE's such as **Eclipse/My Eclipse, Intellij IDEA, WSAD/RAD Node JS, Cassandra, No SQL** and **J builder, MicroServices** for developing, deploying and debugging the applications.
* Experience in developing J2EE components on Application Servers and Web servers like **MicroServices**, **Open Shift,** Web Sphere, Web Logic and Apache Tomcat.
* Strong knowledge of Cloud application security models, protocols and tools like AWS IAM, AWS KMS policy, **Microsoft Azure AD**, **Google Cloud AWS Advanced** the services utilizing the **Pivotal** **Cloud** **Foundry** **(PCF)** as a platform as a service for **Restful** services.
* Working on Deployment Automation of all **MicroServices,** Spring Boot to pull image from Private **Docker, Spark** registry and deploy to **Kubernetes** Cluster.
* Experience in developing web applications using **Java 11/8/7**, **J2EE**, **Servlets,** **No SQL**, JSP, **Spring 4.0/5.0**, **Angular JS**, Struts, **Hibernate**, EJB, JMS, JDBC, JAVAX-WS, **HTML**, **CSS**, **React Js**.
* Proficient in **Java 11** Designing Patterns including singleton, Factory, Model View Controller (**MVC**) and Data Access Object (**DAO**) experience in a quick paced Agile Developing Environment including (**TDD**) **Test Drive Development** and **Scrum**.
* Experience in applying **JMS (Java Messaging Service) MicroServices, No SQL** for reliable information exchange across **Java 11** applications using **Apache Kafka, Rabbit MQ, Active MQ** and **IBM MQ, Cassandra** Spring Boot to communicate from **Client** to **Server.**
* Expertise in **HTML5/CSS3** developing and having experience in **JS Framework**, **AWS Advanced**, Responsive design implementing Continuous Integration and Continuous Delivery (**CI/CD**) Process stack using **DevOps** tools like concourse.
* Having Sound Knowledge in **RDBMS**, **SQL** and **NOSQL** databases (**Mongo DB**), **Spark** and Open Sources (Apache Couch DB) and the Storage Systems (**Hadoop** Distributing File System (HDFS)
* Having good knowledge on different **databases, Node JS** like Posture SQL, MySQL, DB2, Oracle, Spark**, Microsoft SQL Server, NoSQL DB** (Raven DB, Mongo DB and Cassandra, Couch DB, Radis.
* Extensive experience in **MicroServices, AWS Advanced** cloud architecture in **AWS (EC2, S3, EBS, Cloud watch, load Balancer)** in developing **user** **interfaces** with **Angular 12/8, HTML, CSS,** JSTL**, Spark** andCustom Tag Libraries**.**
* Expertise in **Azure, Cassandra** infrastructure management (**Azure** **Web Roles**, **Worker Roles**, **SQL** **Azure**, **Azure** **Storage**, Azure **AD** Licenses).
* Having Technology leadership for the direction of the Web-based application using **Spring framework, MVC pattern,** **Spark,** and **Web Sphere** Server integrating to a proprietary framework.
* Experience in working with databases such as **Oracle 11g**, **MS**-**SQL** **Server**, **AWS Advanced**, **MySQL, Node JS** and using **PL/SQL, Cassandra** to write storing procedures, functions and Triggers for different Data Models.
* Experience in Configuration Management, setting up company Version policies, build schedule using **SVN, Bit Bucket, No SQL** Spring Boot and **Node JS, Git**.
* Expertise working on Application servers and Web servers like **Web Logic 12.x**, **AWS Advanced, Apache** **Tomcat 8.0,** and **Web Sphere 8.x/9. x.**

**TECHNOLOGIES:**

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| **Programming Language** | Java 11/8/7, J2EE, SQL, Python, PL/SQL, UML, C, C++ |
| **Enterprise Java** | Servlets, JSTL, Design Patterns, JSF, JMS, JSP, JNDI, JDBC, Log4J API, Java security |
| **Mark-up/XML Technologies** | HTML, XHTML, JavaScript, CSS, XML, XSD, XSL/XSLT, AJAX, Node JS, React JS, j Query, JSON, Bootstrap, Angular 12/8, Angular JS |
| **Tools & Framework** | Spring 4/5, Spring MVC, Spring Boot, Spring batch, Spring Security, Spring AOP, Struts, JSF, Log4J, Jasper reports |
| **Web Services** | SOAP, REST, REST API, WSDL |
| **Web/App Servers** | Web Sphere, Web Logic 12c, Apache Tomcat 8.0, Apache Kafka, JBoss, Jetty Server |
| **Database** | Oracle, Mongo DB, No SQL, MySQL server |
| **Development Tools** | Eclipse, My Eclipse, Spring Tool Suite STS |
| **O-R mapping** | Hibernate, JPA |
| **AWS** | EC2, RDS, S3, ELB, EBS |
| **Version Control Tools** | Source Tree, Git, Bit bucket, Tortoise SVN |
| **Built Tools** | J Unit, Soap UI, ANT, MAVEN, Gradle, Putty, CI/CD, PCF, Google cloud, Rational Clear Quest, Azure, Miskito, Fitness, Kubernetes, Load UI, Groovy Spock, Docker, Jenkins |
| **OS & Environment** | Windows, Linux, UNIX |
| **Design Patterns** | MVC, Front Controller, Singleton, Business Delegate and DAO patterns |

**WORK EXPERIENCE:**

**Client: FirstEnergy, Akron, OH Jan 2022 - Till Date**

**Role: Full Stack Java Developer**

**Project Description:** FirstEnergy are forward-thinking electric utility centered on integrity, powered by a diverse commitment to making better and our stronger dedicated to safety, reliability, and operational excellence distribution companies form investor-owned electric systems, serving transmission subsidiaries that operate approximately that connect.

**Responsibilities:**

* Implementing **Java 11** features like **Lambda expressions, Streams, filters, Spark, pipelines, Optional Interfaces etc.** used **Apache Kafka, AWS Advanced** as the messaging infrastructure for asynchronous processing.
* Developing Single Page Applications (SPA's) using **Angular 12** created Multiple & Nested Views, Routing, Controllers, Services and Custom Directives, **Node JS**, **Cassandra** Bower and Grunt.
* Implementing **Node JS, Cassandra** Expressions, Directives, Controllers, filters and created **Angular 12** service layer worked extensively on the front-end side using JSP, **CSS**, **JavaScript**, Spring Boot, Slick Grid, and **j Query** & **Spring Ajax**.
* Designing & Developing logical & physical data model using data warehouse methodologies worked on Amazon **web services** (**AWS**) specifically **Amazon Lambda, Node JS** for developing and deploying application.
* Wrote SQL queries to get the data, update the data from the database and to connect database in the DAO implementation. Involved in **DevOps, Spark** activities like configuring Jenkins job, Jenkins pipeline Script for **CI/CD**.
* Designing **dimensional modeling** using **SSAS** packages for End-User **and c**reated **Hierarchies Node JS** in dimensional model for faster performance.
* Experience in **MicroServices** development using **spring 5.x** and deployment in **AWS Advanced** created deployment models for cloud foundry.
* implementing **Node JS, Java 11,** **J2EE, Spark, Cassandra** technologies (**Spring**, **Hibernate**) and design patterns such as **Façade.**
* Implement **PL/SQL** procedures and views in Oracle 11.g Database using Altova **No SQL** Database spy performed configurations and day to day activities using Web Logic 12.c.
* Involving a Queuing system that takes in files from various sources formats them and uploads them to an **s3 bucket** using **AWS Lambda, Node JS, No SQL** and **SQS.**
* Experience in providing highly available and fault tolerant applications utilizing orchestration technologies like **Kubernetes and Apache Mesas.**
* Involving in coding used **Struts**, **Spring** and **Hibernate**, **REST**/**SOAP** **web services**, **JSF** **frame, Spark** works designed and developed **MicroServices** business components using **Spring Boot**.
* Consuming **REST API** based **MicroServices** with Rest template based on Restful APIs worked with **DevOps** team for continuous integration (**CI**) with other software products and continuous development of the products (**CD**).
* Built open source, Message Broker **Apache Kafka Node JS, Cassandra**, **No SQL** and worked extensively to do a real-time streaming of Data Records between applications.
* Creating and exposed **Restful APIs, Cassandra** using **Spring REST** and **Spring boot** designed specific databases for collection, tracking, and reporting of administrative clinical data using **AWS Advanced,** **SQL Server Management Studio**.
* Successfully migrated content from **MS Access to SQL Server 2000**, SQL server 2000 to SQL server 2005, SQL Server 2005 to Oracle.
* Executing **SQL** queries to retrieve data from databases for analysis extensively used **ETL, AWS Advanced, Cassandra** Spring Boot Data Stage to load from different source systems and load into the target data warehouse.
* Working on Procedure API and Consumer API to publish Stream of records to **Kafka, Node JS,** Topics and to subscribe one or More Topics, Respectively
* Involving in the Development of **Spring, Node JS, Cassandra, No SQL** Framework Controller for request, response paradigm by Spring Controllers using **Spring** **Boot.**

**Environment:** Java 11, J2EE, SOAP, REST, REST API, Spring 5.x, Spring Boot, Angular 12, Oracle 11.g, PL/SQL, Struts, MicroServices, AWS, Kubernetes, Kafka, Hibernate, j Query, CI/CD, AJAX, Node JS, Spark, Lambda, J Unit, HTML5, Web Logic 12c.

**Client: TIAA, New York, NY May 2020 - Dec 2021**

**Role: Java/J2EE Developer**

**Project Description:** TIAA helping those who help others find confidence in retirement is in our mission. TIAA was to help teachers retire today, our reach extends beyond education to healthcare and cultural fields and we stand hand-in-hand with to help fortify their money so they can ignite their dreams.

**Responsibilities:**

* Involved in development and testing of Streamlets module in Analysis, Design, Development, System Testing and User Acceptance Testing migrated applications from **Ant** project structure to **Maven, Node JS** to support deployment on **Tomcat.**
* Created clusters in and manage the clusters using **Kubernetes** (k8s) Jenkins to deploy code to create new namespaces, creating **Docker** images and pushing them to container registry.
* Strong experience with **Mongo DB, Spark** development (reports, schema design, map reduce functions) and migrations from **SQL** relational databases to **NoSQL, Node JS** databases like **Mongo DB.**
* Implemented **PL/SQL** procedures and views in Database using Altova Database spy performed configurations and day to day activities using Web Logic
* Migrated application logging framework from **Log4j** to **Log back,** **Node JS** followed **Agile,** Spring Boot methodology in the **Scrum** Cycle model and worked on **JIRA, Node JS, Spark** to access the user stories expertise in **Linux** Commands.
* Used **J2EE** design patterns like **Adapter, Service locator, Session facade, Singleton, Factory and DAO** used **Executor Service** framework to implement multithreading in programming to improve overall performance.
* Used **Java 8 expressions** along with Streams for creating internal iteration and performing chain operations such as Filter, Map, Collect on a collection.
* Developed classes using **Cassandra,** **Core Java/Executor Service (multithreading, concurrency, memory management)** consumed **REST** Web Services for getting the credit card information from third party application using **EME**.
* Used the fundamentals of **Java Node JS** features like parallel streams and filters through  along with **multithreading** using did smoke tests, which are functional unit and integration tests on all major system components.
* Converted a monolithic app to **MicroServices, No SQL** architecture using **spring 4.x** using 12 factor app methodology. Deployed, Scaled, Configured, wrote manifest file for various **MicroServices**.
* Used **Angular 8** in creating animations based on CSS classes for a new requirement surfaced for the client developed the web services classes by using Service Oriented Architecture **SOAP**, **WSDL**, **and UDDI**.
* Developed **REST API's, Node JS** using **Spring Boot** and hosted all MicroServices used based services to interact through a combination of **REST, Spark** and **Apache Kafka, Node JS** message brokers. Designed and Implemented the **DAO** layer using spring, **Hibernate**.
* Used **Java 8 features** like Streams and Exp for API Development and performed unit testing using frameworks with **Node JS framework, No SQL** Spring Boot including authoring complex directives, services, controllers and filters.
* Developed presentation layer includes UI components, validations using HTML5, applying styles using CSS, used j Query to make Ajax calls.
* Developed **Restful Web services Azure Advanced, Spark, Cassandra** for other systems to interact with our system and secured the service with **Spring Security** OAuth 2.0 added **WS-Security** using **XWSS** to secure the **Web services**.
* Used **Angular 8, No SQL**framework where data from backend is stored in model and populated it to UI developed unit and integration tests for existing **MicroServices, Cassandra** using **J Unit, Miskito** and **Docker, Node JS** environments.
* Implemented **Spring Circuit** breaker pattern, integrated **Hysteria** dashboard to monitor Spring **MicroServices** used **Get** as Version Control System for the application.
* Used **MicroServices** architecture, with **Spring Boot, Node JS, No SQL** based services interacting through a combination of **REST** and Apache **Kafka** message brokers
* Utilized **Java 8** feature to implement business logic **No SQL,** **JBPM, Azure, Spring Boot** is a lightweight, extensible workflow engine written in pure **Java** that allows you to execute business processes using the latest **BPMN 2.0** specification.

**Environment:** Java 8, J2EE, Spring 4.x, Spring Boot, NoSQL, Azure, Hibernate, SOAP, REST, REST API, JSP, Angular 8, MONGO DB, AJAX, Kubernetes, j Query, MicroServices, Jira, Kafka, Docker, Maven, Ant, Spark, PL/SQL, Log4j, Log back, Tomcat and Web Logic.

**Client: Biogen, Boston, MA Feb 2019 – Apr 2020**

**Role: Java Developer**

**Project Description:** Biogen is a pioneer in biotechnology and today the Company has the leading portfolio of medicines to treat multiple sclerosis, has introduced the first and only approved treatment for spinal muscular atrophy, and is at the forefront of neurology research for conditions including Alzheimer’s disease, Parkinson’s disease and amyotrophic lateral sclerosis.

**Responsibilities:**

* Worked on the critical areas of the applications like Impersonation functionality, Internal Login page maintenance of the internal Asset Management tool which is especially designed to manage the images that are used in the application.
* Involved in the integration of **Struts** with **Spring,** Framework and implemented **Spring MVC**, **Spring IoC**, **Spring AOP**, **Spring JDBC**, **Spring** Persistence with **JPA**.
* Developed and consumed **SOAP**/**Restful MicroServices** Web Services using **XML,** and **JSON** message formats responsible for the analysis, documenting the requirements and architecting the application based on **J2EE** standards.
* Wrote the **Hibernate**-**mapping** **XML** files to define **java** classes database tables mapping used **Hibernate** Template for various database update, insert, delete operations and for involving functions, stored procedures, triggers.
* Used the **Angular JS** tags inside the **HTML,** **Spring MVC** page to make the page effectively and to have great **user interface** developed and designed new cross-browser accessible interfaces using **J Query** and **JavaScript**.
* Involved in developing applications for workflow using **JSP's**, **spring MVC**, **Hibernate**, **AJAX**, **JavaScript** technologies using **Apache Tomcat 8.0**.
* Developed Intranet Web Application using **Java 7**, **J2EE, Cassandra** architecture, using **JSP** to design the user interfaces and **Hibernate** for database connectivity and **Rest services** templates are generated using **swagger2** specifications
* Developed new library with **MicroServices, Spring MVC** architecture using **Rest APIs** and **Amazon Web services** fixed the defects that are not only raised on the areas that worked but also on the entire application.
* Designed the internal Login page using the **bootstrap 4, Angular JS** and performed validations using the **JavaScript** created a **Java** beans class by using all the **XML’s,** Spring MVC that are related to service and sales which typically called **Java** MARSHALLING and UNMARSHALLING.
* Developed **SOAP Web services** for getting information from third party designed Frontend with in object-oriented **Java 7** Framework. Excellent knowledge on **Java** concepts like Streams, Lambda Expressions,
* Method References used **Maven** for dependency management and build purposes and **Jenkins, MicroServices, No SQL** for continuous builds and deployments
* Prepared a high-level document on the entire Mazda Customer Engage Portal that includes both functional and technical details worked on the **Rest API, Cassandra** web services while displaying the data on the pages.
* Used **JIRA** tool to track the issues and bugs. Maintained each defect in different stages like Open Issue, In Progress Issue, Resolved Issue, Reopened Issue and **Closed Issue**.

**Environment:** Java 7, J2EE, Spring, Spring MVC, Spring JDBC, SOAP, REST, REST API, JSP, Servlets, Angular JS, HTML, CSS, JavaScript, Hibernate, MicroServices, Bootstrap 4, Struts, Log4J, JSON, AJAX, SQL, Apache Tomcat 8.0, JIRA.

**Client: Techouts, India Apr 2015 - Jul 2018**

**Role: Software Developer**

**Project Description:** Techouts is a global business technology solution provider, helping companies adapt digital first strategy. We progressively add certified professionals and tech savvies to extend our expertise in reimagining the future of businesses We provide technology services and solutions on platforms core team of high-powered individuals and exceptional partner teams are capable to deliver comprehensive and high-performance technology solutions and we are committed to help our clients with technology services to maximize their ROI and achieve success.

**Responsibilities:**

* Involved in all the phases of the life cycle of the project from requirements gathering to quality assurance testing. Created J Unit test cases and created set up manuals and user guides. Involved in Units integration, bug fixing and User acceptance testing with test cases.
* Implemented **MVC architecture** using Apache **STRUTS,** framework. Designed the front end using **JSP**, Tag Libraries and JavaScript. Designed and developed framework components, involved in designing **MVC** pattern using **Struts** framework.
* Worked closely with testing groups for module and integration testing. Developed **batch processes** to perform the daily updates with **Spring Batch Module** Automation testing using J unit.
* Developed hibernate **DAO** Classes using **Spring MVC,** Template, worked with Hibernate for object relational mapping and connection management.
* Used Angular Promise, Angular Custom directives, Angular custom services, Angular to **SOAP** to Spring calls involve in implementation of **REST and SOAP** based web services
* Developed applications using Integrated Development Environment (**IDE**) tools like My **Eclipse**, the code environment using **IDE** as **Eclipse** and deployed into **Tomcat Server**.
* Involved in Developing of Application based on **J2EE** using **Hibernate,** Spring MVCand **spring framework.** Implemented Dependency Injection using the **spring framework**.
* Learned **XML** for communicating client. Written Queries, Sub Queries in **SQL,** to get data from **REST API written in Groovy wrapped by Jersey JAX-RS.**
* Good knowledge of concepts in Java likes **OOPS**, **Multi-Threading** and **Exception Handling** and implemented Core -Java concepts like **Inheritance, Polymorphism, Abstraction and Encapsulation** used Java **Collection Framework.**

**Environment:** Java, J2EE, Spring, Spring MVC, Hibernate, SOAP, REST, REST API, Java beans, Struts, Servlets, JSP, JDBC, JavaScript, HTML, J Unit, Eclipse, Tomcat, SVN, SQL.

**EDUCATION:**

* Master’s in Computer Science from University of South Florida, USA 2020