**PRATIK PATIL**

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**Professional Summary:**

* Around 7+ years of experience working as a Java/J2EE Developer, Full Stack Developer/Java Engineer in various technologies in Java/J2ee like Springs, Hibernates, Servlets, JSP, Struts, EJB2.0, JDBC in different domains like Telecom, Banking, Business and Enterprise Applications.
* Extensive experience of designing and developing software applications with the JDK, J2EE, EJB, Annotations, Java, JSP, Servlets, Java Beans, Web services, JDBC, JAXP, RMI, XML, JavaScript, JQuery, CSS, Web Services (SOAP & RESTful).
* Having extensive work experience with Java 1.7 and 1.8 (JDK, JRE), J2EE, JSP, JavaScript, and Hibernate, Spring, Struts MVC.
* Worked on Java 1.8 upgrade using new library for refactoring, lambda, functional interfaces, streams -parallel processing and aggregations.
* Designs and develops highly scalable applications in AWS cloud using tools like Cloud Formation Templates, EC2, SWF, ELB, Lambda, S3, RDS/Dynamo DB and others.
* Worked on setting up the life cycle policies to back the data from AWS S3 to AWS Glacier.
* Hands on experience with amazon web services (AWS) and amazon cloud technologies such as Amazon EC2 (virtual servers) and Amazon Cloud Watch (monitoring).
* Experienced in Content Authoring, Administration and Integration with AEM.
* Developed Cloud Compatible Micro Services using Spring Boot, java and related web technologies
* Extensive experience as a User Interface/Front End Developer in developing web applications using HTML, XML, CSS, Java Script, JQuery, AJAX, AngularJS and ReactJS.
* Proficient in Java/J2EE Design Patterns including singleton, Factory, Model View Controller (MVC), Data Access Object (DAO), and Business Delegate. Well versed with core Java concepts like collections, multithreading, serialization, Java beans.
* Practical knowledge of frameworks like Spring Dependency Injection, Spring MVC, Spring JDBC, Spring DAO (Spring JDBC, Spring ORM), Spring AOP, JSP TagLibs, Struts, JSF, Hibernate.
* Extensive experience in designing the Interactive, Application Driven, Flatten PDFs forms using Adobe LiveCycle Designer.
* Experience in writing numerous test cases using JUnit framework with JPROB integration
* Experience in database related work primarily creating complex stored procedures, Views, Triggers, Functions, using PL/SQL.
* Experience in Configuration Management, setting up company Version policies, build schedule using Clear Case, SVN, CVS and Git.
* Expertise working on Application servers and Web servers like Web Logic 10.0, JBoss 7.1.0, WebSphere 8 and Tomcat 8.

**Technical Competencies:**

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| **WEB Technologies** | C, C++, Java 1.8, Java Script, HTML, XHTML, CSS, JQuery, Ajax, Boot Strap, Angular JS, NodeJS, BackboneJS, DOJO, Swings |
| **Web Services** | SOAP, RESTful, UDDI, WSDL, JAX-RPC, JAX-RS JAX-WS, Axis, jersey, Amazon Web Services (AWS), Micro Services, Docker |
| **Web/App Servers** | Web Sphere, Web Logic, Apache Tomcat and JBoss |
| **Database** | Oracle, SQL-Server, MySQL Server, Mongo DB, Dynamo DB |
| **Development Tools** | Eclipse, RAD, IntelliJ, STS, AEM |
| **Version Control** | GIT, CVS, SVN, Rational Clear Case |
| **Methodologies** | Agile, waterfall, TDD (Test-Driven-Development), Scrum |
| **Modeling/ CASE Tools** | Rational Rose, MS Visio Professional |

**Professional Experience:**

**Client: Capital One Bank, Mclean, VA March’ 19 – Till Date**

**Title: Sr. Java Developer**

**Description: MDAT & ERDM -** ERDM and MDAT are Capital One Propriety applications to research, analyze and maintain the data records. Enterprise Reference Data Management(ERDM) is an in-house application that enables authorized users to add, modify, and/or remove reference data through an intuitive, custom-built user interface, while at the same time providing workflow and data governance controls. It works as a system of record, allowing users to work with their data in conformance with their specified field definitions and dataset configurations, then route the data for the appropriate approvals. The Manual Data Acquisition Tool (MDAT) is the data ingestion product for data sourced from individual users, which must be passed through an approval process with detailed audit records for compliance purposes, before being propagated to consuming users and downstream systems. MDAT-Cloud brings the MDAT functionality to the cloud, and introduces a number of enhancements namely integration with the One Lake, streamlined on-boarding and publishing user-experience, reduced complexity, shorter TTM, reduced cost footprint, greater scalability, high-availability, and infrastructure efficiency.

* Design and development of ERDM &MDAT , these are web applications. Developed using JAVA, AWS, Python, ReactJS, Angular, JavaScript and various Languages and tools.
* Active involvement in requirements-gathering and implementing required features according to software design specifications.
* Develop web application for front-end data entry, based on Java, react, REST web services, etc.
* Use RESTful service framework for wrapping users calls JDBC for database accessing.
* Migrating applications on cloud effectively using standard  methods.
* Work closely with all team members to identify requirements, estimate projects and implement prototypes and solutions in an AGILE iterative methodology.
* Used Amazon Cloud Watch to monitor AWS services and Amazon Cloud Watch logs to monitor application.
* Worked on log4j open source framework for logging certain level messages.
* Cloud watch events are used to trigger the necessary lambda function.
* Used spring for bean instantiation, annotations, controllers, request mapping to handle the Webservice request and response
* Used Splunk to monitor the system logs as well as notify incident management system upon threshold status.
* Used Junit framework extensively for Unit testing.

**Environment :** Node JS, Python,Eclipse,Log4j, MVC, Tran Management, Integration, AOP), Apache Kafka, Eclipse Helios, Maven 3.1, 4.1, Selenium, Material, JIRA, Apache POI, Quartz Scheduler, GitHub, Groovy , TcpMon,, SQL Server Studio, Jtest, Agile Scrum,SVN,CVS, Kafka, Java Script, AWS

**Client:Metropolitan St Louis Sewer District (MSD STL), St Louis, MO June’ 17 – Feb 19**

**Title: Java Full Stack Developer**

**Description: MSD STL** – a water resource management company that owns and operate the systems, which consists of wastewater and storm water pipelines and their treatment facilities in all over St louis county. In this project we develop a real-time, fully automated powerful platform that enables up-to-date data accessibility. The timely and efficient management of all the data related to Customer records and water resource management and all the information sharing between subsystems.

**Responsibilities:**

* Responsible for all stages of design, development, and deployment of applications. Active role in Test Driven Development termed as TDD apart from Agile Software Development.
* Actively participated in the daily SCRUM meetings with our team to produce quality deliverables within time.
* Developed an application were involved in design changes using HTML5, CSS3, JQuery and Bootstrap.
* Developed forms for user event handling and validations using JavaScript's and AJAX.
* Designed and developed Micro Services business components and RESTful service endpoints using spring boot.
* Expertise in J2EE Technology- Servlets, Struts, Spring, JDBC, JTA, JPA, Hibernate and JMS.
* Developed the framework to consume the web services hosted in Amazon EC2instances.
* Designed and developed J2EE application using HTML5, CSS3, Angular.js, Bootstrap, Java, Spring 4, Hibernate
* Wrote services to store and retrieve user data from MongoDB for the application on devices.
* Developed scalable solutions using NoSQL databases Cassandra, MongoDB.
* WebSphere is used as an Application Server to Deploy the Application.
* Used JUnit and build tools such as MAVEN.
* Created Adaptive forms using PDF form Adobe builder.
* Created JUnit test cases to automate the testing of business logic.
* Responsible for monitoring the infrastructure behavior using Splunk.
* Used GitHub to maintain the version of the files and took the responsibility to do the code merges from branch to trunk and creating new branch when new feature implementation starts

**Environment:** Java1.8, HTML5, CSS3, JavaScript, JQuery, Ajax, AngularJS, AWS, Micro Services, Spring, Spring Boot, Angular Directives, Materials, Spring Security, Adobe Manager(AEM), Spring batch, Servlets, Spring MVC, JUnit, J2EE, Node JS, Gradle, JMS, RESTful, Agile Methodology, Log4J, Web Sphere, Kafka, GitHub, Rally, Spring Security, STS.

**Client: Citi Bank, Dallas, TX** **Aug’15 – May’ 17**

**Title: Java Developer Project: Banking**

**Description:**This is a banking application, which involves transmission and transaction of Financial Information through Electronic Data Interchange under a highly secure environment. This system enables account holders to perform basic banking operations like Balance Enquiry, Online Bill Payments, and Fund Transfer between the existing accounts etc., via Internet which can be used by the account holders who has got the online access authorization. It offers a great facility like Financial Calculator, which calculates how much monthly installment you need to pay for the amount you are taking as a loan.

**Responsibilities:**

* Actively involved in the analysis, definition, design, implementation and deployment of full Software Development Life Cycle (SDLC) of the project.
* Designed, analyzed and developed the front-end and back-end Servlets, Bootstrap for designing, HTML5, CSS3, Angular JS, Ember JS and AJAX, for developing presentation layer.
* Developed user interface using JSP, JSP Tag libraries, third party libraries and Java Script to simplify the complexities of the application.
* Spring MVC model integration for front-end request action controller.
* Deployment of Cloud service including Jenkins, Docker using Terraform.
* Developed Spring-based applications using Drools and Java.
* Used Spring framework including Spring core/IOC, Spring Web, Spring Security.
* Worked on Log4J to validate functionalities and JUnit for unit testing
* Implemented configured and customized JIRA issue tracking software with agile plug-in across all company functions and acted as JIRA administer.
* Used Ref-UI for backend transactions in different environments.
* Used Tortoise SVN to maintain the version of the files and took the responsibility to do the code merges from branch to trunk and creating new branch when new feature implementation starts

**Environment:** Java, HTML5, CSS3, JavaScript,, AngularJS, Hibernate, Spring, Spring Batch, Spring Boot, Spring Security, Servlets, XML, JSP, Spring MVC, Spring JDBC,, Jenkins, Maven, JMS, RESTful, MQ services, Mule ESB, JBOSS, JavaScript, JSP, Restful, Log4J, SOA, SOAP, WSDL, Agile Methodology, Tortoise SVN,, Drools, RAD.

**Client: Macy’s Credit and Customer Service, Cincinnati, OH Jun’14 – Jul’15**

**Title: Java Developer Project: Inventory Management System**

**Description:** Inventory management system ensures that to maintain as little stock as possible. It deals with warehouses, products, multi-national production contracts etc. It can track sales and available inventory, communicate with suppliers in near real-time and receive and incorporate other data, such as seasonal demand.

**Responsibilities:**

* Involved in all phases of the Software development life cycle (SDLC) using Agile Methodology.
* Involved in writing Spring Configuration XML file that contains declarations and another dependent object declaration.
* Developed user interface using JSP, JSP Tag libraries, third party libraries and Java Script to simplify the complexities of the application.
* Involved in developing the Graphical User Interface using HTML, JavaScript, CSS and JSP.
* Developed User friendly interface to seamlessly combine the new module with existing login system using Angular JS.
* Extensive experience in Adobe experience Work Bench tool, livecycle Designer tool.
* Experience working on Adobe ES4 integrated in J2EE compatible environments.
* Responsible for designing, coding and developed the application in J2EE using XML MVC
* Involved in Unit Testing of various modules by generating the Test Cases.
* Performed configurations and day to day activities using WebLogic.
* Implemented PL/SQL procedures and views in Oracle Database using Altova Database Spy.
* Implemented Log4J for Logging Errors, debugging and tracking using logger’s components.
* Performed deployment of applications on IBM Web Sphere Application Server.
* Used GIT Version controller.
* Used Eclipse as IDE for developing code modules in development environment.

**Environment:** Java, J2EE, XMI, Hibernate, SQL, PL/SQL, Spring, Spring Boot, Struts MVC, JMS, MQSeries, Micro Services, JavaScript, HTML, XHTML, XMI, IDAM, CSS, Bootstrap, Adobe Experience Manager (6.1, 6.2), Log4j, jQuery, Angular JS, WebLogic Application Server, Spring Security, JIRA, Maven, Docker, React JS, GIT, Eclipse

**Client:CSS Health Technologies, Mobile, AL Jan’14 – May’14**

**Title: Java Developer Project** **:Chart Smart EMR**

**Description:** This is a fully integrated Inpatient EMR system that includes all the tools to achieve meaningful Use and maintain compliance. It provides clinician job satisfaction through reduction in paperwork, ease of use, flexibility on where, when and how data may be used and provides built in tools for clinical decision support to strengthen care and prevent errors.

**Responsibilities:**

* Followed AgileSCRUM methodology and used Test Driven Development (TDD).
* Developed the application using Struts Framework that leverages classical Model View Controller **(**MVC**)** architecture.
* Implemented SpringMVCframework in the application.
* Involved in developing code for obtaining bean references in Spring framework using Dependency Injection (DI) or Inversion of Control (IOC).
* Involved in development of Debit Memo module using **JSPs** and Servlets.
* Involved in writing SQLqueries and stored procedures for the application in Oracle.
* Worked on code-merge, code integration and module integration. Involved in monitoring the defects and assigning it to the concerned.
* Used JUnit for Unit Testing and Clover for code coverage.
* Converted various HTML forms to Interactive and Flatten PDFs.
* UsedCVS as Version Control System for the application.
* Provided support to the testing team and involved in the Bug Fixing.
* Deployed the application on to IBMWebSphere in UNIX environment IBMAIX. Tested the application after making the necessary configuration.

**Environment:** Struts, Hibernate, spring, JSP, Servlets, JMS, MQ Series, XML, SOAP, UDDI, WSDL, WAP, WML, JDBC, JavaScript, HTML, JNDI, CVS, Log4j, Junit, IBM WebSphere App server, WSAD, Rational Rose, SQL Server.

**Client:NCR Corporation, India Jan’11 – July’13**

**Title: Java Developer Project: SCM Release Info**

**Description:** The SCM Release information website is to provide information about the available pre-release and release versions of APTRA components and aggregates as well as their older versions of the pre-release and release APTRA components and aggregates. With this administrator can add aggregates or components and their versions, can view the operations performed on the aggregates or components with details of administrators, can get the update of aggregate/component versions on spot (ad-hoc basis) and can add new administrators.

**Responsibilities:**

* Involved in **development**, **testing** and **implementation** of the complete business solution.
* Used **Java Servlets** extensively and using **JDBC** for **database access**.
* Designed and developed user interfaces using **JSP, JavaScript** and **XHTML.**
* Used various **J2EE design** patterns like **Singleton, Command Pattern** for the implementation of the application.
* Designed, coded and configured server side **J2EE components** like **JSP, Servlets, JavaBeans, JDBC, JNDI, JTS, Java Mail API, XML.**
* Involved in database design and developed **SQL Queries** on **MySQL.**
* Configured the product for different **application servers.**
* Involved in client-side validations using **JavaScript.**
* Used **Swing Layout managers** and **Swing components** for creating desktop application.

**Environment:**Java, JDBC, Servlets, Struts, JSP, Hibernate, Java Mail API, AJAX, HTML, XML, ANT, Log4J, CVS, Eclipse, MySQL, Apache Tomcat Server.