**RINAL SHAH**

**Java developer**

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**PROFESSIONAL SUMMARY**

* Around 11 years of extensive experience in Design, Development and Maintenance of web-based applications with good knowledge and working experience on Multi-Tier Architectures using web centric technologies in **Financial, Banking, Health and Insurance domains**.
* Experienced in full life cycle (SDLC) development involving analysis, design, development, deployment, testing, implementation & maintenance of client/server, web-based and multi- tiered applications.
* Expertise with development frameworks like Spring (IOC, MVC, Security, AOP, Annotations, Tag libraries, DAO), Spring Boot.
* Excellent knowledge of front-end technologies such as HTML 5, XML, Bootstrap 3, CSS 3, JavaScript, Angular JS 2.0, AJAX and jQuery.
* Hand on experience data migration and conversion of large enterprise scale projects.
* Development of test framework using the Python
* Extensive experience in Java, J2EE, JEE technologies such as JSP, JSTL, Servlets, JDBC, EJB, JPA, JMS, JNDI, JAXB, JAX-RS, AWS,GCP,AZURE
* Expertise in developing MVC architecture for web-based applications using Spring MVC framework and Servlets, JSP, JDBC, Web Services (SOAP & RESTful).
* Experience developing Kafka producers and consumers using Java as well as using the Confluent Schema Registry
* Extensive experience in Spark leveraging Java, Scala
* Experience using NoSQL databases such as Cassandra, DynamoDB, Elastic Search
* Expert on Object to Relational Mapping (ORM) technologies such as Hibernate, Spring ORM.
* Produced and Consumed RESTful (JAX-RS, Jersey, REST Easy) and SOAP (JAX-WS) web services and microservices AWS.
* Write Terraform scripts for CloudWatch Alerts.
* Familiar with web services format XML and JSON.
* Hands on experience in GCP components like Google cloud Storage, Cloud Dataflow, Big Query, Cloud SQL, Cloud Composer, Cloud SDK and G-Cloud Commands
* Worked with frameworks like Struts, Spring and Hibernate.
* Hands on experience using messaging services like JMS using Spring JMS Template to implement Point-to-Point asynchronous messaging between applications using RabbitMQ,ActiveMQ, OpenJMS.
* Experienced on developing and deploying applications on JBoss, WebSphere, WebLogic, and Tomcat.
* Experienced in database design and development and JDBC, JNDI connectivity for Oracle (SQL, PL/SQL), MySQL.
* Worked with NoSQL databases like Mongo DB.
* Hands-on experience in unit testing framework JUnit.
* Experience with Object Oriented Analysis, Design and object modeling using UML (Use cases, Test Cases, Sequence and Class diagrams).
* Proficient in Java Multi-threading, Collections, and Exception handling concepts
* Expertise in using version control tools like SVN, GIT and CVS.
* Good working knowledge with build tools like Maven, drolls and Ant.
* Excellent interpersonal and communication skills with multitasking ability.

**EDUCATION:**

**Master of Science (Computer Science) –Monroe College Ny/ Dec 2021 to Sept 2022**

**Bachelor of Science (Electronic & Communication Engineering) - Symbiosis International University, Pune / From 2009to2012**

**TECHNICAL SKILLS:**

|  |  |
| --- | --- |
| Languages | C, C++, C#, Java, SQL, PLSQL, Python |
| Databases | Oracle 11g/12c, Microsoft SQL Server 2012/2014, MySQL |
| Frameworks | Spring (Auto-wiring, MVC, AOP, Security, ORM, JDBC), Struts,Spring Boot, Hibernate, REST Easy, Jersey, Angular JS 2.0 /4.0 |
| App/Web Servers | Apache HTTP Server, Apache Tomcat 6.x/7.x, Glass Fish, ActiveMQ, OpenJMs, RabbitMQ, Jboss, IBMWebsphere. |
| Web Technologies | HTML, Php, CSS, Java Script, XML, JQuery, Bootstrap 3.0, AJAX, OWASP Top 10, CWE 25 |
| J2EE | JSP, Servlets, JNDI, JDBC, JAX-RS, XML, JSON, JMS, JUnit |
| Tools/IDE | NetBeans, Eclipse, SQL Developer Tool, Spring Tool Suite, IntelliJ, Postman, DiffMerge, Rational Rose based on UML, sublime, Brackets, Android Studio |
| Operating Systems | MS-DOS, Unix, Windows XP/7/8/10, Ubuntu Linux |
| Build tools | Maven |
| Version Control tools | GIT, CVS, SVN |

**WORK EXPERIENCE**

**Client: Genuine Part Company/ Atlanta/ JULY 2023 – Till Date**

**Full Stack Java Developer/Lead Engineer**

**Responsibilities:**

* Designing, implementing, and maintaining Java-based software and applications, contributing to all stages of the software development.
* Work with developers to design algorithms and flowcharts.
* Produce clean, efficient code based on specifications.
* Integrate software components and third-party programs.
* Verify and deploy programs and systems.
* Troubleshoot, debug and upgrade existing software.
* Gather and evaluate user feedback.
* Automate Datadog Dashboards with the stack through Terraform Scripts
* Recommend and execute improvements.
* Create technical documentation for reference and reporting.
* Analyzing/Troubleshooting with any issue
* Attending the daily scrum call and share the status.
* Analyzing and fixing any production issue
* ava, JEE, Spring Boot, Microservices, Event driven Systems, RDBMS, NoSQL, Cloud (GCP (preferred)/Azure/AWS).
* search Engines like Solr, Elastic, Vector Search, Google Cloud Retail Search
* **Integrated Development Environment (IDE):** GPD-DevEnv provides a robust IDE tailored for Java development, equipped with features to enhance productivity, code readability, and collaboration among developers.
* **Algorithm and Flowchart Design:** The tool supports collaborative design discussions, allowing developers to create and share algorithms and flowcharts seamlessly. This promotes a structured approach to problem-solving.
* **Code Generation:** Developers can produce clean and efficient Java code based on project specifications. The tool ensures adherence to coding standards and best practices.
* **Component Integration:** GPD-DevEnv simplifies the integration of software components and third-party programs. This feature streamlines the development process and facilitates the creation of cohesive applications.
* **Verification and Deployment:** The tool automates the verification and deployment processes, ensuring the reliability of programs and systems. This accelerates the release cycle and minimizes errors during deployment.
* **Debugging and Troubleshooting:** GPD-DevEnv includes robust debugging tools for identifying and resolving issues in the code. Developers can efficiently troubleshoot and enhance the quality of the software.
* **User Feedback Management:** The tool incorporates a user feedback module to gather and evaluate input from end-users. This enables continuous improvement and user satisfaction.
* **Continuous Integration/Continuous Deployment (CI/CD):** GPD-DevEnv supports CI/CD practices, automating the build, testing, and deployment phases of the software development lifecycle.
* **Technical Documentation Generation:** Developers can effortlessly create and maintain technical documentation for reference and reporting. This feature ensures comprehensive documentation of code and project architecture.
* **Issue Analysis and Resolution:** GPD-DevEnv includes tools for analyzing and resolving production issues promptly. The integrated troubleshooting capabilities assist in maintaining the stability of applications.
* **Cloud Integration:** The tool seamlessly integrates with cloud platforms such as Google Cloud Platform (GCP), Azure, and AWS. This ensures scalability, flexibility, and accessibility of applications in a cloud environment.
* **Technology Stack:** GPD-DevEnv supports Java, Java EE, Spring Boot, Microservices, Event-driven Systems, RDBMS, NoSQL databases, and is optimized for cloud environments like GCP (preferred), Azure, and AWS. Additionally, it facilitates integration with search engines such as Solr, Elastic, Vector Search, and Google Cloud Retail Search.

**Cardinal Health. Chicago, IL/ OCT 2022-JUN 2023**

**Full Stack Java Developer**

**Responsibilities:**

* Worked as Full Stack Developer covering all layers in front end, middle tier, and Back end.
* Implemented CSS3 and JavaScript based navigation system visually identical to previous table-based system to improve ease of maintenance and organic search engine placement.
* Worked with JSON web token for authentication and authorization security protocols using Node.js.
* Utilized the latest front-end Technologies such as HTML5 and css3 for layouts.
* Have experience Good Experience with Agile and Scrum.
* Working in OWASP Top 10 and CWE 25 with proven track record and experience in implementing and integrating remediation strategies.
* Good knowledge on working with OAUTH2.0 to provide authentication and authorization to Rest services by exchanging Access tokens.
* Good knowledge of oops concepts.
* Managed data migration project and successfully met Confidential aggressive deadlines
* Responsibilities include data migration from Oracle 10g RAC to Oracle 11g RAC. configuring new smart phones to interface
* Responsible for implementing monitoring solutions in Ansible, Terraform, Docker, and Jenkins.
* Extensively used LSMW for legacy system data migration to SAP.
* Build Datasets and tables in Big Query and loading data from cloud storage
* Google Big Query, Data Studio, Data Flow, Data Proc, Cloud SQL, Big Table, Cloud Pub-Sub, Google Cloud Storage, Google Auto ML, Cloud Vison, Natural Language Processing & Dialogue flow APIs
* Developed the map-reduce flows in Microsoft HD Insight Hadoop environment using python.
* Proficient in Python, with a deep understanding of its core concepts and libraries.
* Experience in developing web applications using Django and Flask frameworks.
* Strong understanding of object-oriented programming (OOP) principles and design patterns.
* Familiarity with front-end technologies such as HTML, CSS, and JavaScript.
* Experience with version control systems like Git.
* Developed all the Master Data Objects for data Migration using AIO jobs and RFC function Modules.
* Converted and modified Hive queries to use in Big Query and Performed data cleaning on unstructured information using
* Implemented Ajax and jQuery-based navigation system visually identical to previous table-based system to improve ease of maintenance and organic search engine placement.
* Created controllers and models with Angular11 and AngularJS.
* Used JavaScript, jQuery, AngularJS, Node Js, React Js, Nuxt and AJAX technologies for front end user input validations and Restful web service calls and micro services. Experience in azure cloud on asm portal and all infrastructure modules.
* Developed Hive UDFs and Pig UDFs using Python in Microsoft HDInsight environment
* Involved in creating the azure services with azure virtual machine.
* Built a web scraping tool using Python to gather and analyze data from various websites.
* Created a data visualization dashboard using Python libraries like Matplotlib and Plotly to present complex data in an easy-to-understand format.
* Wrapper developed in Python for instantiating multi-threaded application and running with other applications
* Developed Hive UDFs and Pig UDFs using Python in Microsoft HDInsight environment
* Developed the war/ear file using Ant script and deployed into Web Sphere Application Server.
* Architected the frontend solution using React, Relay and GraphQL.
* Extensively used Oracle SQL Developer graphical tool for the enhancement and simplification of Database Development task.
* Designed front-end presentation logic using JSP, HTML5, CSS3 and Strut tags.

**Deloitte, India**

**Lead Java Developer/ Oct 2017 –Nov 2021**

The Registration and Pin Loaders together support the provisioning of the Direct Event product. They are the means to support participant registration. The ultimate purpose of Registration and Pin Loaders is to periodically monitor a source database for new tokens, once a new token is found the associated information should be transferred from the source database to a destination database.

**Responsibilities:**

* Involved in Requirements gathering, analysis and design and documentation as the application was started from scratch.
* Strong understanding OWASP Top 10 and CWE25 methodologies and tools.
* Involved in designing, developing, and testing of J2EE components like Java Beans, Java, XML, Collection Framework, JSP, Spring and Hibernate, microservices.
* Developed three scalable single page web applications and a chat application using Mean stack technologies.
* Good knowledge on working with OAUTH2.0 to provide authentication and authorization to Rest services by exchanging Access tokens.
* Experience in building ecommerce application using JavaScript Mean stack and mern stack using redux for single page application development.
* Used advance features of T-sql to design and T-SQL to interface with the database and stored procedure for the business logic using T-sql.
* Expertise with development frameworks like Spring (IOC, MVC, Security, AOP, Annotations, Tag libraries, DAO), Spring Boot.
* Used Spring/MVC framework to enable the interactions between JSP/View layer and implemented different design patterns with J2EE and XML technology.
* Created cryptography modules for JWE, JWS and JWT.
* Involved in handling transactions using Spring Declarative Transaction management.
* Integrated BMC MS end with JMS and MULE ESB for monitoring application development process.
* Implemented Caching mechanism using Spring Gem fire Template.
* Implemented DAO layer using different hibernate techniques like Jon strategies, Inheritance, annotations, and criteria interfaces.
* Created UI templates for final look and feel using HTML5.
* Used SOAPUI for the functional testing and inspection and invocation of spring-based Web Services and microservices.
* Used MDB to reduce the interdependencies of all the sub systems using JMS.
* While developing web-based applications used Web Services, both SOAP/WSDL and REST, micro services AWS, GCP.
* Used Oracle Database, Oracle WebLogic, Maven, Eclipse IDE/Any Similar IDE, and Oracle Service Bus
* Used Atlassian products.
* Used XSD for parsing the message reply coming from CUSTOMS.
* Developed web services technology JAXB to convert XML into java objects.
* Involved in the creation of interface to manage user menu and Bulk update of Attributes using jQuery
* Implemented CSS3 and JavaScript based navigation system visually identical to previous table-based system to improve ease of maintenance and organic search engine placement.
* Implemented Ajax and jQuery-based navigation system visually identical to previous table-based system to improve ease of maintenance and organic search engine placement.
* Created controllers and models with Angular11 and AngularJS.
* Used JavaScript, jQuery, AngularJS, Node Js, React Js, Nuxt and AJAX technologies for front end user input validations and Restful web service calls and micro services.
* Developed the war/ear file using Ant script and deployed into Web Sphere Application Server.
* Extensively used Oracle SQL Developer graphical tool for the enhancement and simplification of Database Development task.
* Developed Exception handling code to recover from DB specific, Application specific, Business and Non-business logic specific exceptions.
* Used JSF for internal report generation by fetching data from database with customized view using CSS and AJAX for form processing.
* Involved in creating test cases using Junit for Java classes and Abstract spring dependency Injection test for spring beans.
* Performed a thorough unit testing and resolved several data related issues before migration to production.
* Worked on getting the request from postman and searching the logs over the Splunk and reporting the bugs over Jira.
* Used Jira ticketing system to keep track of issues and tracks on individuals.
* Developed and deployed scripts using Maven as build tools in Jenkins for CI/CD tools from one environment to another environment.
* Experience with Virtualization/containerization using Docker containers/docker Hub.

**Cerner Corporation**, **India**

**Java Developer, / Feb 2015-september2017**

**Role:** This application allows the company to manage its inventory to achieve a lower inventory cost. This application is shared by the company and its suppliers to manage supply orders and status. All the modules are designed and developed using java. Used servlets for server-side programming and swing for user interface. JavaScript is used for data validations. JDBC was used to provide connectivity to oracle database.

**Responsibilities:**

* Designed front-end presentation logic using JSP, HTML5, CSS3 and Strut tags.
* Develop the online web application using HTML/CSS; JavaScript, AngularJS/AngularJS2, Spring Boot, Spring MVN and Bootstrap, WCAG 2.0.
* Created controllers and models with Angular11 and AngularJS.
* Worked as Full Stack Developer covering all layers in front end, middle tier, and Back end.
* Strong understanding OWASP Top 10 and CWE25 methodologies and tools.
* Experience in azure cloud on asm portal and all infrastructure modules.
* Involved in creating the azure services with azure virtual machine.
* Experience in using GCP Cloud Storage, GCS Cloud functions, Big Query.
* In GCP, used cloud shell SDK to configure the services Google Cloud Storage, Big Query.
* Involved in developing the azure solution and services like iaas and paas.
* Have knowledge on partition of Kafka messages and setting up the replication factors in Kafka cluster.
* Developed electronic banking alert module for enrollment using java and collection framework.
* Used JavaScript, jQuery, AngularJS, Node JS, Nuxt and AJAX technologies for front end user input validations and Restful web service calls and micro services.
* Experience with configuration management tools like Ansible and Packer and automated the cloud deployments using Terraform.
* Used jQuery and JSF validation framework for front end validations.
* Implemented Singleton, Service Locator design patterns in MVC framework and developed command, delegate, model action script classes to interact with the backend.
* Implemented core features of AngularJS framework such as dependency Injection, Databinding, Filters, Directives, Templates, Services and Deep Linking Designing.
* Developed the web-based Dashboards for different users using the latest web.
* Used Maven and drools for building and deploying application.
* Used Apache Kafka for inter-microservices communications
* Used Java8 features like stream and Lambda expressions.
* Implemented routing logic and navigation from screen to screen and implemented login functionality on the client side in AngularJS.
* Developed the monolithic application and involved in migrating existing monolithic application into Micro Service Architecture based RESTful micros Service and deployments were done on AWS.
* Developed Microservice to provide Restful API utilizing Spring Boot with various frameworks such Hibernate, PA. Developed the monolithic application and involved in migrating existing monolithic application into Micro Service Architecture based RESTful micro-Service and deployments were done on AWS.
* Responsible for creating an instance on Amazon EC2 (AWS), GCP,(Azure) and deployed the application on it. Used JavaScript, jQuery, AngularJS, Node Js, React Js and AJAX technologies for front end user input validations and Restful web service calls and micro services.
* Good experience in creating components documentation using react.js
* Hands on experience in creating components documentation using react.js
* Architected the frontend solution using React, Relay, Nuxt and GraphQL.
* Used ANT as a build tool and junit for writing unit tests.
* Annotations for Dependency Injection Spring DI and Spring MVC for REST API and Spring Boot for used Spring Core Annotations for Dependency Injection Spring DI and Spring MVC for REST API and Spring Boot for micro services.

**British Telecommunications**

**Software Engineer / July 2012 -January2015**

**Responsibilities:**

* Formulated Google analytics dashboards, which served many purposes in the telecommunication sector.
* Optimized database code, this process improved query retrieval performance for5+legacywebapplications.
* Reducedtheserverresponsetimeof20+hightrafficCenturyLink’slegacywebapplicationsbyusingCDN