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**PROFESSIONAL SUMMARY:**

* Accomplished **Java/J2EE** Developer with over **5** years of progressive **IT** experience, specializing in the **end-to-end design**, **development**, **testing**, and **deployment** of complex **client**-**server** and **web-based enterprise applications.**
* Proficient in utilizing industry-leading frameworks, including **Struts, Spring Boot, Spring MVC,** and **Hibernate**, to create scalable and efficient applications.
* Extensive experience in **Microservices** and **Cloud**-**Native Applications**, with a focus on **Spring Transaction Management** and integration of **Spring** with **Hibernate** and **Web Services**.
* Strong understanding and application of **Object-Oriented Programming (OOP)** concepts, including Collections, **Multi**-**Threading**, and Exception Handling, ensuring **robust** and maintainable code.
* Specialized knowledge in **Java** Messaging Service, including **Rabbit MQ, IBM MQ, Active MQ**, and **Apache Kafka** with **Zookeeper**, enhancing real-time communication capabilities.
* Proven track record in web application development using **HTML, DHTML, CSS, XML**, and various open-source frameworks such as **Struts** and **Spring**.
* **Developed dynamic and responsive web applications** using **Angular,React** focusing on creating modular and reusable components for enhanced maintainability.
* In-depth experience with **J2EE** design patterns (**MVC**, Service Locator, Singleton) and deployment over industry-standard servers like **Apache Tomcat, JBoss, WebLogic, and WebSphere.**
* Deployed and managed cloud infrastructure on **AWS**, utilizing services such **as EC2, S3, RDS,** **Lambda**, and **CloudFormation** for scalable and cost-effective solutions.
* Strong familiarity with modern programming languages, including **Java, C++, Python**, and **JavaScript**/**Typescript**, facilitating versatility across diverse tech stacks.
* Extensive database experience with **Oracle**, **DB2**, **MySQL**, **SQL**, and **PL/SQL**, including database development involving tables, triggers, views, packages, and stored procedures.
* Led the implementation of **Microservices architecture**, showcasing expertise in **Spring Boot**, **Docker**, and **Kubernetes** for scalable and **modular** solutions.
* Applied advanced skills in **Big Data Technologies**, including **Apache Kafka**, **Apache Spark**, and **Apache Storm**, for efficient **data** processing and **analytics**.
* Demonstrated strong **Networking skills**, proficient in **TCP/IP, HTTP/HTTPS**, and **RESTful APIs**, ensuring seamless communication between systems.
* Proficient in version control tools such as **GitHub**, **Subversion** (**SVN**), and **CVS**, ensuring efficient collaboration and code management within a team.
* Strong commitment to **continuous learning** and staying updated with emerging **technologies**, contributing to a dynamic and innovative development environment.

**Technical Skills**

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| --- | --- |
| **Programming Languages** | Java/J2EE, C, C#, SQL, PL/SQL, JavaScript |
| **J2EE Technologies** | Servlets, JSP, EJB, JMS, JSF, JDBC, JNDI, Web Services, Spring. |
| **Web Technologies** | HTML, CSS, jQuery, JSP, Bootstrap, Angular.JS, AJAX, JSON, XML, Node.JS |
| **Frameworks** | Spring Boot, Spring, Struts, Hibernate, Angular.JS, React.JS |
| **XML/Web services** | REST, SOAP, Apache-CXF, Jersey, JAX-WS, JAX-B, DOM. |
| **IDE** | Eclipse, Visual Studio, MYSQL Workbench, SQL Developer, Spring Tool Suite (STS)  |
| **Databases** | MySQL, Oracle 10g, MS-SQL, MongoDB, DynamoDB |
| **Methodologies** | Agile, TDD  |
| **Web/Application Servers** | Tomcat, WebLogic, WebSphere |
| **DevOps Tools** | AWS, Azure, Docker, Kubernetes, Jenkins |
| **Operating systems** | Windows 8/10, Unix, Linux  |
| **Version Controls** | GIT, SVN |
| **Testing/ Debug Tools** | JUnit, JIRA, SoapUI, Postman, Selenium, Protractor, Log4J |

**Client: Delta Airlines, GA.  July 2023 – Present**

**Role: Full Stack Java Developer**

**Responsibilities:**

* Analyze and interpret business requirements, actively participating in the technical design, development, and testing phases of various modules.
* Demonstrate expertise in Core Java, OOPs, and Java Server Pages (JSP), ensuring efficient and modular code development.
* Implement data access logic using Hibernate Persistence framework, facilitating seamless mapping between Java objects and RDBMS.
* Utilize JPA (Java Persistence API) frameworks, including JDO (Java Data Objects) and Hibernate, for effective persistence management.
* Develop UNIX Shell Scripts for batch jobs, streamlining data transfer processes across different servers.
* Utilize Spring Security to develop secure login and logout features for applications.
* Design User Interface (UI) web applications using HTML5, CSS, and JavaScript frameworks, adhering to W3C standards.
* **Enhanced application performance** by implementing Angular's Ahead-of-Time (AOT) compilation and tree-shaking.
* **Architected and maintained scalable cloud solutions on AWS**, leveraging services like EC2 for compute, S3 for storage, and DynamoDB for NoSQL database needs.
* Contribute to database design and optimization, writing complex SQL Queries, stored procedures, and functions for Oracle, MySQL, and DB2.
* **Optimized query performance** in NoSQL databases through effective indexing and aggregation strategies.
* **Integrated automated testing** within CI/CD pipelines to ensure code quality and prevent regressions, using frameworks like JUnit, Selenium, and Postman.
* **Deployed and managed containerized applications** on Kubernetes, ensuring efficient orchestration, scaling, and maintenance of microservices.
* Develop Unit Test Cases for UI Screens using Jasmine and Karma, ensuring robust and reliable application behavior.

**Environment**: HTML, XHTML, CSS, JavaScript, jQuery, Java Server Faces (JSF), Jasmine & karma, Gulp, JSP, Spring AOP, Spring Bean, Spring Annotation, Spring Security, Hibernate, RDBMS, SOAP, JAX-WS, RDBMS, Drools, Junit, Log4j, Glassfish.

**Client: Lexis Nexis, NY.  July 2019 – Aug 2022**

**Role: Software Developer**

**Responsibilities:**

* Actively involved in the analysis, design, implementation and deployment of the application.
* Used the fundamentals of Java 8 like parallel streams and filters through lambda expressions to handle the searching.
* Involved in the development of the application based on backend Spring MVC architecture.
* Responsible for implementing the application using Spring IOC, Spring MVC, Spring Batch, Spring Boot and handled the access-control features using Spring Security which is integrated with Micro services into the existing system architecture.
* Developed the robust web-based application on Spring Boot frame structure using Java/J2EE technology.
* Responsible for creating and maintaining architecture for Restful API using Spring Boot.
* Used Dependency Injection feature of build and release Spring Boot framework and O/R mapping tool Hibernate for rapid development and ease of maintenance.
* Implemented DAO layer using different hibernate techniques like strategies, Inheritance, annotations and criteria interfaces.
* Developed web pages using HTML5, JavaScript, JQuery and Angular.JS and customized the web features by CSS3 and Bootstrap.
* Developed the components using Angular 6 needed for the application from the scratch and customizing from various Angular related libraries to meet the application's functionality.
* Designed, developed a custom, single-page, responsive web application on front end using Angular.JS.
* Designed and deployed a multitude application utilizing almost all the AWS Including EC2, R53, S3, RDS, DynamoDB, SQS, IAM, Cloud Formation and lambda, focusing on high-availability and fault tolerance.
* Responsible for creating and maintaining the Docker containers also implemented build stage- to build the micro service and push the docker container image to the private docker registry.
* Used Java Mail Sender (JMS) for sending detailed notifications depending upon the success and failure once the backend process is complete and for mailing administrator for any system related problem.
* Developed session EJB and message driven bean (MDB) to process JMS XML messages.
* Used Log4J to capture the logs that include critical business related information.
* Developed test cases and performed unit testing using JUNIT Test case.
* Involved in consuming, producing SOAP based web services using JAX-WS.
* Written SQL queries PL SQL Stored procedures, functions, triggers, cursors, sequences, and indexes, which are going to be invoked by Batch processes.
* Worked on Agile, SCRUM development methodology and built the application with Test Driven Development (TDD).
* Interact with other developers and end users to design and implement new features throughout the framework.

**Environment**: Java 8, spring, MVC, Micro Services, Spring Boot, Hibernate, Eclipse, HTML5, CSS3, JavaScript, Angular 6, Angular.JS, Node.JS, AWS, Docker, JMS, XML, EJB, Log4j, JUnit, SOAP, REST, SQL, Agile and Windows.

**Client: Target, MN.  May 2018 – July 2019**

**Role: Software Developer**

**Responsibilities:**

* Designed coded, implemented, optimized and tested new features and modules for the derivatives system as part of an agile team and improved automation test suites.
* Developed web components using **MVC** pattern under spring framework.
* Performed requirement analysis, design changes, development and maintenance of the components using **spring MVC**.
* Worked on spring modules like **Dependency Injection, Aspect Oriented Programming** and Spring Mail, **Spring** **JMS** and **Spring Security.**
* Used spring framework to achieve loose coupling between the layers thus moving towards Service Oriented Architecture (**SOA**) exposed through **Restful** **Services**.
* Used **Hibernate** extensively to have **Database** access mechanism with complex queries through **Hibernate Query Criteria** interfaces and Hibernate to deal with the database.
* Developed middle-tier application with **J2EE** using **Java Beans and Web Services**.
* **Developed dynamic and responsive user interfaces** using **ReactJS**, focusing on creating modular and reusable components.
* **Integrated RESTful APIs with React services**, facilitating seamless data communication between front-end and back-end systems.
* Implemented **Java** design patterns like Front Controller, Service Locator, Business Delegate, and Data access Object, Factory Pattern, Session Façade, etc.
* Used Web services (**SOAP**) for transmission of large blocks of **XML** data over **HTTP**.
* Wrote the **SQL** queries for **CRUD** operations, and Stored Procedures using **MySQL, PostgreSQL, Oracle.**
* Deployed and managed applications on Microsoft Azure, leveraging services like Azure App Service, Azure Functions, and Azure DevOps for efficient CI/CD integration.
* Configured and optimized Azure resources such as Virtual Machines, Storage Accounts, and SQL Databases to support application infrastructure.
* **Established robust CI/CD pipelines** using Jenkins, automating build, test, and deployment processes to streamline development workflows.
* **Automated infrastructure deployment** on **Azure** using Azure CloudFormation and Terraform, ensuring consistent and repeatable environment setups.
* Used **JMS** to establish message communication.
* Created and compiled **XML** Schema to generate Java Bean classes.
* Performed Design review and Code review for well-known performance practices for better performance and code maintainability.

**Environment**: Java, spring, MVC, Hibernate, XML, JMS, Java Beans, Core Java, RESTful, SOAP, SQL, Agile and Windows

**EDUCATION:**

Masters in Computer Science and Engineering Sep 2022- May 2024

**New York Institute of Technology**