###### Bhavana Tanneru

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**CAREER OBJECTIVE**:

To work in a creative and challenging environment to secure a challenging position in a reputable organization to expand my learning, knowledge, and skills.

**Work Experience:**

* Java developer certified by Amazon Web Services (AWS) with over 2+ years of professional experience in the core areas of the Software Development Lifecycle (SDLC), including analysis, design, implementation, and testing of web and distributed n-tier applications using Java and J2EE technologies in various industries.
* Thorough understanding of the entire Software Life Cycle Development (SDLC) process, which includes requirement gathering, analysis, design, development, testing, implementation, and documentation throughout the entire life cycle using various methodologies like Waterfall, Agile, Scrum, and Test-Driven Development.
* Vast expertise creating a variety of assistance classes using Core Java ideas including multithreaded programming and Collection classes.
* Excellent working knowledge of SCRUM meetings, Agile and Waterfall development techniques, and a variety of IDEs, including Eclipse and NetBeans.
* Working knowledge of HTML5, CSS3, SASS, JavaScript, JSF, JSTL, AJAX, DOJO, jQuery, JSON, Angular.js.js, Bootstrap, React.js, and Node.js as tools for designing front-end/web applications.
* Knowledge of XML-related technologies, such as DOM Parsers, JAXB, JAXP, SAX, and XSL/XSLT
* Advanced knowledge of the Spring, Spring MVC, Spring BOOT, Spring BATCH, Spring Integration, Spring Cloud, and Hibernate frameworks for web application development.
* Expertise working with NoSQL databases like Cassandra, DynamoDB, Mongo DB, Couch DB, PostgreSQL, etc. as well as cloud technologies like Amazon Web Services (AWS).
* Experience with Hibernate and using Hibernate Connection Pooling, HQL, Collections, Hibernate Caching, Hibernate Transactions, and Optimistic. Expertise on the entire SDLC in Intranet and Internet applications using Web/Application Servers like Tomcat, JBoss, WebSphere, and WebLogic Application Server.
* In depth knowledge of the AWS cloud computing platform, its many services and dimensions of scalability including but not limited to: Lambda, S3 (Object Storage), VPC (Virtual Private Cloud), EC2, EBS (Block Storage under high I/O), ELB/Elastic Beanstalk (load-balancing and autoscaling), SQS (messaging), CloudFormation for AWS Orchestration, Alternative Queuing Platforms, CloudWatch and RedShift.
* Heavily used Bamboo and Jenkins for continuous integration (CI) and end-to-end automation of all builds and deployments. He also extensively used Maven for creating deployable artifacts from source code into artifactories like Jfrog and Nexus.
* Expertise with Oracle Web Logic Application Server, JBOSS, and Tomcat as well as IBM Web Sphere Application Server.
* Proficiency in the use of tools like Postman, Fiddler, Swagger, and SoapUI to test APIs by submitting requests to the server and receiving responses.
* Significant expertise in peer and code reviews to guarantee the best coding practices.
* Driven and driven to produce high-caliber products on schedule with little supervision.
* Quick Learner with strong analytical, logical, and communication skills as well as an optimistic outlook and a sense of teamwork.

**Technical Skills: -**

* **Technical Languages: -** Java, C, C++, C# SQL, JDK1.4/1.5/1.6/1.7/1.8
* **Technology J2EE: -** EJB (CMP, BMP, Message-Driven Beans), JMS, JSP, Servlets, JSF, JSTL, S Java Beans, Spring, Swing, Hibernate JPA and JDBC
* **Frameworks** Junit, Spring, Hibernate, Apache Tiles, Mockito
* **Internet Technologies: -** JavaScript, XML, CSS 3, CSS 4, jQuery, Bootstrap, and HTML/HTML 5 Ext.js, React.js, Node.js, Angular.js, JSP, PHP
* **Cloud Computing: -** Azure AWS Cloud Services, Amazon Web Services (AWS), Route S3, Auto scaling, LAMBDA, CloudFront, Cloud Watch, Cloud Trail, CloudFormation, OPS Work, Security Groups, EC2, S3, EBS, VPC, ELB, AMI, RDS (Aurora), Redshift, IAM, SNS, and ELASTIC BEANSTALK (EBS)
* **Databases: -** MongoDB, MySQL, SQL Server, Oracle, DB2, POSTGRESQL, Apache Cassandra, H2 SQL Clients, Toad, MySQL, SQL Server, Management Studio, and SQL Developer, Query Clients Toad, MySQL, SQL Server Management Studio, and SQL
* **Technology: -** XML, DOM, XSL, XSLT, XPath, SAX, XML, and WSDL.
* **Application & Web Servers:** - IBM, Web logic Apache Tomcat, WebSphere, and JBoss
* **Developer Tools (IDE) Tools**: - MongoDB Compass, MySQL Workbench, Eclipse, NetBeans, and IntelliJ GitHub, JIRA, Bugzilla, DB Visualizer, Apache Ant, Tortoise SVN, CVS, and VSS
* **MQ: -** Kafka and Rabbit MQ
* **OS: -** Methods for Mac, Linux/Ubuntu, Windows XP, and
* **Methodologies: -** Waterfall, Agile, and TDD

**Education:**

Master’s in **computer science**, AUM, 2022

Montgomery, Alabama, 36117

**PROFESSIONAL EXPERIENCE:**

Project: 1

Client: Data dot labs HYD

July 2019- 2021

Role – Java Developer

**Roles and Responsibilities:**

* Using Agile Methods for SDLC development, including requirements gathering, analysis, design, implementation, and testing of the application, and did object-oriented analysis.
* Creating and maintaining web applications' highly interactive user interfaces utilizing AngularJS, ReactJS, JavaScript, HTML, and CSS.
* Developing unique UI libraries and components and incorporating them into current systems.
* Developed Single page application and structured the JavaScript code using Angular, vue.js.
* Experience in Single Page Application (SPA) using Angular JS, created Multiple & Nested Views, Routing, Controllers, Services and Custom Directives, Node.js, Bower, Grunt.
* Using responsive design techniques to make user interfaces suitable with a variety of hardware and screen sizes.
* With React Js , I created a number of reusable components, including dropdown menus, sliders, charts, and grids.
* Component states were maintained, and state transfers between components were accomplished through props.
* Updated the Virtual DOM and made AJAX calls in components using the React Component Lifecycle.
* Create unique directives using Angular.js to manipulate data and present it in a UI that adheres to company standards.
* Using Angular.js' component-based architecture, I created reusable Typescript components and services to use REST API.
* RESTful API design and development for web and mobile applications.
* Spring Boot Framework was used to implement the application, and Spring Security to handle security.
* Handled Web Services by implementing Spring's Inversion of Control (IoC) with Dependency Injection.
* Created Spring Framework Controllers and worked on the IOC container feature of the Spring Application Framework.
* Created applications using the Hibernate persistence framework, including persistent classes, hbm.xml files for mappings, and the Hibernate query language.
* The SOAP and REST web services were unit tested using SOAPUI and POSTMAN.
* Created Spring Framework Controllers and worked on the IOC container feature of the Spring Application Framework.
* Created applications using the Hibernate persistence framework, including persistent classes, hbm.xml files for mappings, and the Hibernate query language.
* The SOAP and REST web services were unit tested using SOAPUI and POSTMAN.
* Created secure Web services using XML, JSON, WSDL, XSD, SOAP, and REST standards.
* Create dependable infrastructure services from the ground up on AWS to create highly available and scalable services.
* creating numerous automation scripts that allow for automated management of the Azure environment.
* Created a Spring Boot application with microservices, used EC2 instances to deploy it in AWS, and set up S3 buckets for storage.
* Contributed to the creation of a Java API for Amazon Lambda to control some AWS services.
* Proficiency in building component-based user interfaces with React and working with its ecosystem including Redux, React Router, and React Native. Familiarity with TypeScript, React Hooks, and Material UI can be an added advantage.
* Developed EC2 host monitors, alerts, and notifications using Cloud Watch.
* Connecting Node.js with various other technologies, including front-end frameworks, message brokers, and databases.
* Deployed apps into Jenkins-style continuous integration environments so that code may be integrated and deployed there for development testing.
* Set up the Jenkins server and build processes to offer continuous automatic builds based on polling the Git source control system throughout the day and periodic scheduled builds at night to support development needs. Jenkins, Git, JUnit, and Maven are all used in this setup.
* Responsible for installing applications on Application Server BEA WebLogic 8.1. Worked on problem tracking and agile project management using JIRA.
* For database interface, NoSQL (MongoDB) and stored procedures were used.
* Working on Spring XD setup to control ActiveMQ messaging to forward data into MongoDB data sink.
* A logging system called Log4j was used to debug the code.
* Unit test cases based on the Power Mock framework were developed.
* Took part in the preparation of test cases, impact analysis, and traceability matrices as well as technical code reviews.
* Participating in production support chores and educating new team members on production support duties