**Yalala Subbarao**

**Email:** yalalasubbarao262@gmail.com

**Ph:(M)** +91-6300285674

**Career Objective**

**Objective:**

Young, energetic and result oriented **B.Sc. IT** professional with overall 5+ yearsof experience as **Cloud, Software Developer** with **MicroSpark Software Solutions Pvt Ltd** in IT area, Persuasive communicator with exceptional relationship management skills with the ability to relate to people at any level of business and management, highly ethical, trustworthy and discreet.

**Summary:**

IT Professional with 5+ years of Experience in Java Developer Skilled at Operating in a wide range of Designing, Developing, Testing, Deploying, Decision Making and Supporting enterprise applications (web) using **JAVA/J2EE.** Web technologies on **Tomcat 5.x,6.x,7.x, IBM Web sphere v 6.1 and 7.0, RAD 6.0 and 7.5, Web Logic 7.0/8.1/9.0/10.0 on UNIX and Windows platforms,**

**PROFESSIONAL SUMMARY**

* Around 4+ years of experience as **a java developer** with knowledge of designing and development of web application.
* Experience in design and development of **J2EE** applications using Core **Java, Java Collections, Data Structures, Multithreading, JDBC, Servlets, JSP, EJB, AJAX, JMS Custom Tag Libraries, JSTL, XML and Web Services.**
* Extensive experience in Amazon Web Services like **EC2, Simple DB, RDS, Elastic Load Balancing, SQS, SNS, AWS Identity and access management, AWS Cloud Watch, Elastic Beanstalk and Cloud Front, Redshift.**
* Worked on developing enterprise web-based application based on Java technologies using **J2EE, J2SE, Java Beans, Java Servlets, JSP’s, JDBC, Spring MVC, Spring Core, Spring JDBC, and Hibernate**.
* Experience in Scrum Agile & Waterfall model of Software Development Life Cycle **(SDLC**), Object Oriented Analysis and Design through implementation and testing.
* Experience in developing web services like (**SOAP and REST)** and consuming web services with Python and Scala.
* Strong experience in Spring Framework modules such as Spring **MVC, IOC, AOP, JDBC, JTA, IO, Spring Boot, Spring JPA, Spring Micro services, Spring configurator, Spring REST, Spring Actuator, Spring Annotations, Spring Transactions and Spring Security.**
* Experienced in web development using **HTML, DHTML, XHTML, CSS, JavaScript, Node.js, Bootstrap, Angular JS, React JS, jQuery and AJAX technologies.**
* Expert in Continuous Integration and Continuous Deployment (**CI/CD)** and various tools used in DevOps pipeline.
* Experience in Software Life Cycle Development (SDLC) process which incorporates Requirement Gathering, Analysis, Developing, Testing, and implementing life cycle utilizing approaches like Agile, Scrum and Test-Driven Development.
* Worked on relational databases like **ORACLE, SQL Server and MYSQL.**
* Extensive use of Open-Source Software such as Web/Application Servers like **JBoss5.x,** **Apache Tomcat, Apache Struts,** LOG4J for logging information and exceptions, **Maven,** **Apache ANT** for making build scripts, **CVS, GIT.**
* Experience in integration tools such as **Jenkins and Apache CAMEL.**
* Experience using **GIT, Clear case, SVN, and CVS**.
* Extensive experience in developing **Microservices** using **Spring Boot** and following domain-driven design.
* Experience with **Unit Testing**, Short iterations, close customer relationship (iterative model) and **TDD** (Test Driven development).
* Hands on experience in configuration and deployment of multi-tier applications using web containers like **WebLogic** and **Tomcat.**
* Experience in working with different operating systems like Windows and **UNIX/Linux.**
* Experience in using SharePoint tool for document management.
* Expertise in Core Java with strong understanding & working knowledge of Object-Oriented Programming and APIs like Collections, Exception-handling.
* Proactive attitude with excellent analytical, communication and interpersonal skills. Quick learner, innovative thinker, smart worker, and adaptive team player.

**PROFESSIONAL EXPERIENCE**

* Working with **MicroSpark Software Solutions Pvt Ltd** as **Software Developer** from Sep 2019 – Till the date.
* Worked with **MicroSpark Software Solutions Pvt Ltd** as **System Engineer** from Mar 2018 – Aug 2019
* Worked with **Sri Gowthami Junior College** as **Physics Instructor** from Dec 2013- Dec 2017

**TECHNICAL SKILLS**

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| **Languages** | Java 1.8, J2EE, C, C++, SQL, PL/SQL. |
| **Java****Technologies** | Spring Boot, Micro services, Spring JPA, Servlets, JSP, JDBC, JMS, EJB, RMI, Web Services, SOAP, Log4j |
| **Distributed****Technol*ogies*** | Azure Service Bus, Apache, Web Services, JMS, WebSphere MQ |
| **IDE** | IntelliJ, WSAD, Eclipse Orion, RAD, Spring STS 3.9.5, NetBeans |
| **Framework** | Struts, Spring MVC, Spring Cloud, Spring, Hibernate,Apache axis for Web Services |
| **Web/Application****Servers** | Apache Tomcat, WebLogic, WebSphere, JBoss |
| **Web****Technologies** | HTML, DHTML, AJAX, CSS, Boot Strap, Angular 8, Flex builder 3.0, XML, DOM, GWT, XPath, DOM, DTD, React.js, AWS |
| **Methodologies** | SDLC, UML, Design Patterns, SOA |
| **Version Control****Systems** | CVS, Clear Case, SVN, GIT |
| **Operating****System** | All Versions of Microsoft Windows, UNIX, and LINUX |
| **Database** | NoSQL DB, Mongo DB, Cosmos DB, Oracle 8i/9i/10g/11g/12C, MySQL, DB2, SQL Server |

**PROJECTS**

**Project #3**

**MicroAge Canada Aug 2021 – Present**

**Montreal, QC**

**Full Stack Java Developer**

* Involved in **Design, Development** and Support phase of Software Development Life Cycle.
* Followed **Agile Scrum methodology** and used **TDD** for writing test cases.
* AWS EC2 instances were configured in developing and QA environments with **NodeJS.**
* Designed and implemented the user interface using **HTML5, CSS3, JavaScript and Angular 8.**
* Hands on experience using **Apache Tomcat** as application servers to handle the deployments of different applications.
* Used RESTFUL client to interact with the services by providing the RESTFUL URL mapping.
* Built **MAVEN** scripts for automated deployment and for the build operation of the entire application.
* Developed applications using **React JS, Redux, Angular 2/4, Typescript, ECMA Script 2015/ES6.**
* Built centralized logging to enable better debugging using **Elastic Search Log stash and Kibana.**
* Utilized React to build reusable components with JSX including (landing, forms, and buttons), resulting in optimized rendering and performance.
* Using **Docker** containers for local and cloud-based development.
* Used Spring Security to provide **authentication, authorization**, and access-control features for this application.
* Created tables, **triggers, stored procedures, SQL queries, joins,** integrity constraints and views for multiple databases, Oracle using Toad tool.
* Worked on **JSP, HTML5, CSS3, JavaScript, jQuery, AJAX, DOJO, Bootstrap, Servlets, spring, JDBC while working on Portal Development.**

**Environment:** Java 8, J2EE, Spring Framework 4.0, Hibernate, AJAX, Oracle 11g, Web Services, AWS, Agile, REST, XML, SOA, WebSphere, JavaScript, Angular JS, NodeJS, Bootstrap, jQuery, JBOSS, JUnit, Grunt, GitHub, SQL, Angular2.0, MongoDB, JMS, HTML5, JSP, Apache Camel, Maven and SVN.

**Project #2**

**Client: Capital One**

**Role: SOFTWARE DEVELOPERDec 2019 – JUL 2021**

**Responsibilities:**

* Involved in **gathering business requirements**, analyzing the project and creating **UML diagrams** such as **Use Cases, Class Diagrams, Sequence Diagrams and flowcharts** for the optimization Module using **Microsoft Visio.**
* Involved in the Use of the **Spring framework** for building the application based on the MVC design paradigm to provide **Integration for the Springs MVC module.**
* Developed the **user Interface Presentation** screens using **JSP**
* Creation of **Servlets** along with **JSP to provide the required functionality.**
* Used **CSS to update page formatting** based on **client’s requirements.**
* **Produced and delivered the images** and other types of mime files as per client requirements using

**Restful web services.**

* **Basic knowledge of GCP, web development.**
* Verify **existing modules using Hibernate.**
* Use of **Spring to find reference** to **Hibernate Template object**, where it will see the **Session Factory Bean object**, which gives access to the **data source including database tables.**
* Used **Apache ANT** for automating the build processes of the application.
* Created **connections to the database using Hibernate session Factory**, using Hibernate APIs to retrieve and store data to the **database with Hibernate transaction control.**
* Worked on **JavaScript, jQuery, and CSS** for designing the UI of a configuration page.
* Hands-on experience with **JSF Java Server Faces**
* Hands-on experience with **Open-Source UI component** libraries for JSF specifically Prime Faces
* Wrote **JUnit test cases** to test the **Optimization Module.**

**Technologies:** JUnit, MS SQL Server 2005, Java, JSP, Struts, HTML, Oracle, XML, XSL, XSLT, SOAP, Web Services, Apache Tomcat, Service Now, Bit Bucket, Jira, Confluence JUnit, Eclipse, ANT, UNIX/ Windows NT, design patterns.

**Project #1 : Avaya Diagnostic Server (ADS)**

**Client : Avaya Inc.**

**Environment :** Linux, Git, Ant, Jenkins, Docker, Tomcat. **Mar 2017 – Aug 2019**

**Role :** System Engineer.

1. **Roles & Responsibilities:**
* Manage the build process for all applications for the Technology organization.
* Administration of version control system (Git) tool.
* Maintaining Git code repository and backup files.
* Experience in Creating branches, merging and tags to separate build systems after a milestone release and Create build storage archives for back tracking builds.
* Create and configure new jobs for each and every module in Jenkins.
* Automated the bundling process and reduced all the manual intervention needed and merged that to the Jenkins job.
* Automated builds using **Jenkins and Ant scripting.**
* Create and establish a build process using Maven to perform builds efficiently and deployment of the application using Tomcat.
* Administration of Continuous Integration tool like Jenkins.
* Create and configure plans for every application in **Jenkins**.
* Automation of build and deployment process by configuring jobs in Jenkins for each application
* Experience in Setup and monitor daily continuous/production builds and Co-ordinate with the development team in case of build failures and Update build tools as per changes in the product output/strategies.
* Installed and Setup Nagios Server, Plugin and NRPE tools.
* Log Analysis, Maintaining documents of production server error log’s reports.
* Monitor Production Server Health of different parameters (System Load, Swap Memory, Hard disk, Apache requests, Mailq) via **Nagios** and **CloudWatch.**
* Investigation and Recover of Production Server Issues like as Server load (Parsing, mailq, query stuck).
* Coordinate between key team members, including developers, **QA** and support to promote, schedule and perform deployments in various environments according to development timelines.

**Environment: AWS EC2, S3, Terraform, Dynamo DB, VPC, IAM, Tomcat Apache, Micro-Services, Cloud Watch, New Relic, Git, Linux, Jenkins, Maven, Ansible.**