**Sai BAthula**

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***Professional Summary***

* Professional IT experience in Analysis, Design, Development, Code Review & Integration of Multi - Tier distributed applications using **Java/J2EE** Technologies.
* Experience in implementation of **OOPS**concepts using **Java/J2EE** technologies such as **Core Java,** **Java Beans, EJB, JMS, Servlets, JSP, Spring Batch, XML Design Patterns, Hibernate** and **Web Services.**
* Proficient in designing UI web applications using front-end technologies like **HTML5**, **CSS3**, **JavaScript**, **TypeScript**, **XML, jQuery, AJAX, JSON, Angular, Vue.js, React.js**, **Bootstrap**.
* Experience in **Core Java** with a strong understanding and working knowledge of components with **Multi-Threading, Inheritance, Polymorphism, Collections, Interfaces, Reflections, Concurrency, File Handling I/O, Data Structures, Exception Handling** and **Garbage Collection**.
* Experience with **Java** **8** features like **Lambda** **expressions, Functional Interfaces,** and **Stream** **API** for Bulk data operations on **Collections** which would increase the performance of the Application.
* Experience in working with messaging systems like **JMS, RabbitMQ, Kafka**, Kafka event sourcing.
* Good Experience in working with BackboneJS to handle the large set of JavaScript code.
* Experience in **JDBC**, **Servlets**, **JSP**, **Java** **Beans**, **JMS**, **Struts** **2**, **Spring**, **Hibernate** and web administrations concentrating on smooth backend functionality.
* Experience in using **Spring DI** and **Spring MVC** for **REST APIs** and **Spring Boot** for **micro-services**.
* Experience in system maintenance, analysis and performance in Windows, **Linux,** and **UNIX** environment.
* Monitored testing in App Vance IQ testing Tool alongside utilizing tools like **SOAP UI, Restful Services** and Postman and Multiple Interfaces.
* Hands-on experience in relational databases like **Oracle, MySQL** using **SQL, PL/SQL** programming and **NoSQL** database **Mongo DB**.
* Experience in deploying **J2EE** components on **JBOSS, Apache Tomcat, BEA WebLogic,** and **IBM** **WebSphere** application servers.
* Worked on **micro services**-based architecture using **Spring Boot interacting** through **REST API.**
* Experience in using **Amazon Web Services (AWS)**. Extensive experience focusing on services like **EC2**, **ElasticBeanstalk**, **CloudWatch**, **CloudFront**, **CloudFormation**, **S3**, **RDS**, **Elastic Cache**, **SNS**, **SQS**.
* Experienced with Application servers and Web servers like **Apache Tomcat Server**.
* Expertise in using **Maven** build tool for automated dependencies installation, compiling and packaging the application and used **Jenkins** with **maven** for continuous integration.
* Developed **Service** **Oriented** **Architecture** (SOA) and **Micro** **Service** **Architecture** based J2EE applicationsusing **Spring boot Framework**.
* Experience with **GitLab,** **Bit Bucket, GIT** for code management.
* Experience in Testing JUnit Framework using **Mockito** and Easy Mock, Spring Junit Runner, JMeter.
* Good experience in UI Testing in developing test cases with **Karma** and **Jasmine**.
* Strong experience with various application developments **IDEs Eclipse, IntelliJ,** and **STS**.
* Excellent team player with in-depth knowledge of development tools and languages.

***Technical skills***

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| **Technologies**  | HTML5, XML, CSS3, JavaScript, TypeScript, jQuery, AJAX, JSON |
| **Java**  |  Spring Boot, Spring MVC, Hibernate, Servlets, JSTL, JDBC, Nodejs. |
| **J2EE Frameworks** | Spring, Hibernate, Struts2. |
| **JavaScript Technologies**  | Angular 2+, Angular8**,** jQuery**,** React**,** EXT.js, Redux. |
| **Databases** | Microsoft SQL Server, Oracle, MySQL, MongoDB, Cassandra, IBM DB2. |
| **Web Services**  | RESTful, SOAP. |
| **Testing Tools**  | Karma, JUnit, Log4j, Jest, Postman, Mockito. |
| **Operating Systems**  | Windows, UNIX, LINUX, Mac OS.  |
| **Application Server**  | JBOSS, WebSphere, WebLogic, Nginix, Tomcat  |
| **Repositories**  | Git, Bitbucket, GitLab  |
| **Build Tools** | Maven, Gradle, Jenkins, Ant, Docker. |
| **Cloud** | AWS, EC2, RDS, S3, CloudWatch, EBS, Lambda, PCF |

***Profesional experience***

**Client: SAP**

**Role: Sr. Java Application Engineer | Vancouver, CA | Nov 20 – Present**

**Responsibilities:**

* Performed **Manual Testing** and supported **Automation Testing** team for creating Test Data for Data Driven Testing.
* Developed the User Interface using**HTML5**, **CSS3**, **JavaScript**,**jQuery**and enhanced response using**twitter Bootstrap**and**Angular 8.**
* Implemented **Micro-Services** based Cloud Architecture using **Spring Boot**.
* Professional experience in (**Web, API**) **Automation testing** on Web applications in ERP System domain.
* TestNG, Basics of Jenkins, **N-Unit, GitHub**, Team-city **CI/CD.**
* Experience in test script writing and execution with selenium **WebDriver, BDD, Cucumber**.
* Good experience in preparing Test plans, Test cases, automated tests and Test data and executing the same.
* Responsible for **UI Automation, API Automation** and **Smoke Testing.** Setup Framework in automation testing by using with **Selenium WebDriver, BDD, POM** using Page Factory.
* Experience in **Regression testing, Performance Testing, Accessibility Testin**g of web applications.
* Performed Defect tracking, test management and logging using **JIRA**, **QC** and **TFS** and Test Rail.
* Proficient in analyzing system & functional specifications, use cases, business requirements, business rules to prepare test schedules.
* Proficient in creating automation scripts from scratch and extensive knowledge of developing different type of framework like Data driven, Page object model, Hybrid framework using TestNG/Junit.
* Used **App-Vance** tool through record and play back scripting for **Automation Testing.**
* Experience in designing and reviewing automation test cases according to BRD. Created **JavaScript** wherever required in the script.
* Responsible for **End-to-End testing** on all platform and Strategy created for **Accessibility Testing**.
* Experience in designing and reviewing test cases and executing test cases.
* Manage, coordinate, and ensure the delivery of a release or project.
* Reporting and Tracking Bugs using Test Management tool TFS, QC, Version One.
* Developed **AWS S3**to copy project artifact into **S3**bucket.
* Integrated Open stack **API** with **Amazon EC2** cloud-based architecture in **AWS**.
* Participated in **Agile Scrum** methodology for application development. Analysis, design, coding, unit, and integration testing of business applications in an object-oriented environment.

**Client: verizon**

**Role: Sr. Full Stack Developer |** COLARADO SPRINGS**, CO | Dec 2018 – Sep 2020**

**Responsibilities:**

* Designed and developed **Spring MVC** framework using **HTML5**, **CSS3**, **JavaScript**, **AJAX**, and **React.js.**
* Used **JAVA 8** features like Lambda Expressions, Parallel Streams, Method Reference, and functional interfaces.
* Extensively involved in coding with **Angular 8** with **TypeScript**,**jQuery UI**and**jQuery Mobile**to add functionalities and effects like **Infinite Scroll bar, Slider bar, Draggle/Droppable, Resizable.**
* Developed front-end code with **Ajax** call in **Angular** **8** and **jQuery** to retrieve data as **JSON** Object from controllers in back-end **RESTful** Server, then display the well-organized result in web pages by writing **Angular 8** controller, directives, services, and route providers.
* Extensively used **JQUERY** to perform **AJAX** calls for creating interactive web pages on **JSON** response.
* Developed application-level code to interact with **API** web services using **AJAX, JSON, XML**.
* Implemented RESTful API based Web services and integrated with Spring MVC and Hibernate.
* Used Postman to test RESTFUL API for HTTP requests such as **GET, POST,** and **PUT.**
* Strong programming skills in designing and implementation of multi-tier applications using web-based technologies like **Spring MVC**and**Spring Boot**.
* Created and injected **Spring Boot, Spring controllers, Spring services** and **DAO**s to achieve dependency injection and to wire objects of business classes.
* Developed **Micro-Services** using **Spring Boot** and **Spring** **MVC** architecture and used View Resolver to map web pages.
* Expertise in **Spring Framework**, including **IoC**, **AOP**, **DAO Support/ ORM**, **Spring MVC**, **Spring Security**, **Spring Integration**, and **Spring Cache**.
* Expertise in working with **Spring** **Web** **Reactive** module using **Spring** **Web** **Client** which is used to perform **asynchronous** calls for consuming the **API**.
* Hands on Coding to build **RESTful Micro Services** using **Spring Rest**, **Spring Cloud, Oracle, XSD, JSON, Spring Config, and Cloud Found.**
* Implemented Swagger for the **microservices**for Documenting **Rest API.** **Rest API** Design Guidelines for the **microservices**.
* Worked on the **OAuth 2.0** for accessing the cloud storages like Box, one drive, Google Drive, Drop box.
* Integration of **Sonar, JACOCO**, fortify with Jenkins build and Secure Assist configuration with IDE, Review Sonar results and applying fixes.
* Developed an event-driven microservices architecture using **Apache Kafka.**
* Setting up and configuring **Kafka** Environment in Windows from the scratch & monitoring it.
* Successfully Generated consumer group lags from Kafka using their **API Kafka**- Used for building real-time data pipelines between clusters.
* Deploying the application in **Jboss server** and testing the application using **SOAP UI.**
* Developed **Mongo DB** embedded documents from java code using **spring data MongoDB.**
* Strong **Mongo, MySQL,** and **SQL** Server skills but also significant general system administration skills on **UNIX/HP Open VMS, Linux** and **Windows environment**.
* Worked with unit **test cases by using JUnit** for accuracy of code and **logging with log4j**.
* Used node.js which is event-driven model for data-intensive real-time applications.
* Installation, integration, and configuration of **Jenkins CI/CD**, including installation of Jenkins plugins.
* Excellent in deploying the applications in **AWS, API GATEWAY** as **EC2** instances and create snapshots for the data that must be stored in **AWS S3**.
* Responsible for setting up **databases** in **AWS** using **RDS,** storage using S3 buckets and configuring instance backups to S3 bucket.
* Environment, utilizing **Kubernetes** and **Docker** for the runtime environment for the **CI/CD**system to build and test and deploy.
* Used Log4J for testing the JavaScript functionality **Junit** and **karma** for running tests.
* Used **Jasmine** and **Log4j** for testing the **JavaScript** functionality and **Karma** for running the tests.
* Created **Junit** test cases with Mockito for the services and generated **documentation** using **Swagger**.
* Resolved the issues assigned in **JIRA** tracking on and before time.

**Tools and Technologies:**

JSP, HTML5, CSS, JQUERY, Vui, VUEJS, Gradle, AWS, ec2, api, AJAX, XML, json, SOAP, Hibernate, Struts2, REST, Angular, Angular 8, TYPESRIPT, Java 8, lamBda expressions, Spring Boot, spring batch, SASS, jQuery, JavaScript, TYpescript, kafka, karma, JSTL, JUNit, XSL, Log4j, Oracle, Github, NOSQL, MONGODB, JeNKINS, DOCKER.

**Client: CHASE**

**Role: Full stack Developer |JERSEY CITY, NJ | Feb 2017** – **Dec 2018**

**Responsibilities:**

* Development of web application using React and **Node.js** for backend system with cutting edge **HTML** and **CSS** techniques.
* Developed business logic using **Java /J2EE, Hibernate** and various **OOPS** concepts.
* In our project used Node.js which uses the **Google V8 JavaScript engine** to execute code, and a large percentage of the basic modules are written in **JavaScript.**
* Used React JS in components like JSX, creating React components.
* Developed a **Micro Service Oriented application** with **React JS** in the front end and **Spring Boot services**.
* Used various **React** component lifecycle hooks and **Redux** for managing state in the application.
* Implemented Initial setup and component migration **to Redux, c**reated reusable **React** components and managed application state with **Redux**.
* Expertise in designing and developing stable **React** **components** and stand-alone functions to be added to any future pages.
* Used **React** to implement form validation, search, sort, pagination, multi-selections.
* Developed **RESTful services**, CORS and different http headers using **Jersey REST API**.
* Developed **REST API, Spring Boot** end points implementing messaging queue for a supply chain delivery system.
* Worked on **micro services**-based architecture using **Spring Boot interacting** through **REST API.**
* Used **Spring Boot** which is radically faster in building cloud **Micro Services** and develop Spring based application with very less configuration.
* Implemented Microservices using Spring Core, Spring Boot, Spring Data, Spring Rest and Spring Cloud (PCF).
* Used Spring Data Framework to use the features of **Spring JDBC, Spring JPA** and **Spring ORM** classes like **JDBC Template** and **Hibernate Template** to perform the **database operations** by connecting to **Data sources** available.
* Developed cloud hosted web applications and **REST API**s using **Spring Boot** with embedded Apache **Tomcat**.
* Developed the **REST** **APIs** and implemented **Response** **Entity** to manipulate the header, body, and status codes of a HTTP response.
* Extensively using **Http, Resource** for services. Used **Root Scope, local and session storages, JWT token, Watch Collection and Apply.**
* Experience in using **JSON Web Tokens** (JWT) to securely communicate JSON Objects.
* Successfully researched and did proof of concept POC for dust, Memcached, Spring core, Spring MVC, Spring REST, HATEOAS JSON based rest.
* Used Swagger as medium for modifying the web services URL to feed the input to UI.
* Install, configure, test, monitor, upgrade, and tune new and existing PostgreSQL databases.
* Worked with complex **SQL** queries in **Oracle** **SQL** and **MySQL** stored procedures and joins for data retrieval and update.
* Extensively worked with **Java 8**, and **Big Data** **NoSQL** database using **Cassandra**.
* Worked with the DevOps team on AWS to integrate the client and server-side code.
* Regular Inspection and maintained current version control using **GIT** branching strategy.
* Performed integration testing and write test cases using **Karma** and **Jasmine.**

**Tools and Technologies:**

JSP, HTML, CSS, css3 J2EE, XML, VUI, Hibernate, es6, REST, ReactJS, PL/SQL, IntelliJ, Eclipse, Angular, Spring Boot, sdlc, SASS, jQuery, swagger, JavaScript, JSTL, XSL, Log4j, APACHE KAFKA, Oracle.

**Client: NEWEGG**

**Role: Java/J2EE Developer | Boise, ID | Sep 2015 – Feb 2017**

**Responsibilities:**

* Developed front end UI using **Java, Servlets, HTML,** and **JQuery** components and integrated Dojo with a **Struts Framework.**
* Created Web Applications with real-time, two-way connection, where both Client and Server can initiate communication by using Angular.js.
* Extensively worked on java Multi-threading programming, Synchronization, Java Mail API and Collections API for concurrent product models upload/download process.
* Designed and developed **Microservices** based business components and **RESTful XML** web service endpoints using **Spring Framework** for handling **AJAX** requests.
* Extensively worked with MVC Architecture using spring, Hibernate, Apache Struts.
* Configured the application using **Spring framework** annotations and developed **Spring Controllers** for request and response processing and implemented **RESTful** Web Service.
* Converted a monolithic app to microservices architecture using Spring Boot using 12 factor app methodology. Deployed, Scaled, Configured, wrote manifest file for various Microservices in PCF.
* Created different **REST APIs** using **Spring Boot** with **Spring** **MVC** and Request mapping for CRUD.
* Involved in the integration of Spring for implementing Dependency Injection DI/IOC. Developed code for obtaining bean references in Spring IOC framework.
* Used **Hibernate** Framework for object relational mapping and persistence.
* Wrote **Kafka** producers to stream the data from external rest APIs to **Kafka** topics.
* Worked with **React JS** to build Bootstrap components for responsive UI Objects and linked with API data to view render the virtual DOM dynamically.
* Worked on **SQL** queries with **Oracle SQL** developer to select, insert, update, joins. Tested and worked on development purpose in local environment.
* Used Apache **Maven** for project management and dependencies process and Prepared Unit test case using **JUnit** and used **Jenkins** for continuous integration testing.
* Experience in Micro services development using spring boot and deployment in Pivotal Cloud Foundry (PCF).
* Developed different micro-scripts for planning modules in selenium with **java** j2ee in the Testing framework.
* Performed Unit testing on applications using tools **Mocha** and **Chai** to test **React JS** components.

**Tools and Technologies:** Spring MVC, Spring Boot, Junit, Hibernate, Node.js, Servlets, HTML, CSS, Java Script, Angular, Mocha, Bootstrap, Maven, Microservices, Kafka, Jenkins, GIT, Bitbucket, MySQL, Redux, Eclipse, Tomcat, AWS, MongoDB, MySQL, Oracle, AJAX, JSON, SOAP.

**Client: Synapse India**

**Role: Software Developer | Noida, IN | Oct 2013 – July 2015**

**Responsibilities:**

* Developed code in **HTML, CSS, JavaScript, JSP, JSTL, Servlets** and **Java**.
* Presented Creative design using **HTML5, CSS3, JavaScript** libraries like **jQuery** for project Secure IT.
* Developed **CSS** styles to maintain the uniformity of all the screens throughout the application and positioning of screen objects.
* Used **Java Message Service JMS API**for reliable and asynchronous exchange of important information.
* Worked with Core Java concepts like **Collections, Multi-threading,** and **Exception handling** and Garbage collection.
* Expertise in Server-side development using Java, JSP, Servlets, Java Beans, EJB, JNDI, JDBC, RMI/IIOP, JMS.
* Used Spring **JDBC** for accessing DB2 database. Involved in writing **SQL**, Stored procedures for back end.
* Developed **EJB**components encapsulating the business logic.
* Created several **complex** **SQL** **Query** which used by Services to transfer Metadata and Data.
* Analyzed, Designed and then implementation of different software applications of core Java and **J2EE**.
* Development and implementation of **J2EE** based **MVC** (Model View Controller) framework for the application.
* Successfully built Communication Bridge with the client and limited the iterations of process and good customer service feedback.

**Tools and Technologies:** HTML, CSS, JavaScript, SQL Queries, JSP, jQuery, Ajax, Multithreading, Collections Framework, File I/O, Exception Handling, Garbage collections and Concurrency, JDBC, Junit, Struts, IntelliJ.