**RAMYA BATTARUSETTY**

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**PROFESSIONAL SUMMARY:**

* Over 13 years of IT experience in businesses like **Telecom, HealthCare** with technical expertise in **Java,J2EE** and **Object-Oriented Programming Concepts**, Spring Framework, **Webservices**, **Microservices**, SQL & NoSQL.
* Experience using standard middleware interface/integration architecture and techniques like **SOA**, **Web services**, **SOAP / WSDL / XML, REST, SAML, APIs, Microservices**.
* Experience in the **Spring Framework** (**MVC, Spring Security, IOC,** **Spring Boot**, **Spring Data JPA and Spring JDBC**).
* Diagnosed and troubleshooted complex distributed systems handling large volumes of data and developed solutions that have a significant impact at scale using **Oracle 9i/10g, SQL Server, MySQL**.
* Designed and optimized **MongoDB, Cassandra** NoSQL databases to store and retrieve Java application data, employing advanced indexing, sharding, and replication techniques.
* Effectively leveraged **Snowflake's** cloud-native data warehousing platform, utilizing features like multi-cluster architecture, automatic scaling, and structured data processing to optimize data analytics solutions within Java applications.
* Proficiently developed dynamic and responsive user interfaces in Java applications using **AngularJS** and **Angular 8**, leveraging components, directives, two-way data binding, and dependency injection.
* Experience with Messaging services like **Java Messaging Services (JMS**), **Apache Kafka, IBM MQ.**
* Expertise in designing and transforming **monolithic** architecture into a **microservices** driven environment.
* Utilized **JSTL** (JavaServer Pages Standard Tag Library) extensively to streamline dynamic content rendering and enhance code readability in Java web applications.
* Employed **JAX-WS** and **JAX-RS** to develop and maintain APIs, utilizing annotations, JAXB data binding, and WS-Security for robust communication in Java applications.
* Experience in test driven development like **JUnit, TestNG, Mockito**.
* Worked on API testing tools like **SoapUI, Postman**.
* Strong knowledge on code scanning tools and vulnerability remediation like **SonarQube, Fortify.**
* Utilized **Azure** for data processing and CI/CD deployments.
* Created API’s using **Azure** for event driven functions.
* Having experience working on **UNIX** boxes for server maintenance.
* Proficient in working within a fully dedicated **Agile** team as an individual contributor and using Issue tracking tools like **JIRA**.
* Working knowledge on Code repositories like **GIT, SVN, GitHub, Bitbucket** ,build tools like Ant and Maven and logging and Debugging using **Slf4 and Log4j**.
* Experience in using build/deploy tools such as Jenkins, **Docker, Kubernetes** and OpenShift for Continuous Integration and Deployment for Micro Services.
* Good working experience in **JRun, JBoss, WebLogic, IBM** WebSphere Application Servers and **Apache Tomcat** Web Server.
* Worked on development and Migration in Billing and Revenue Management System using **ORMB (Oracle Revenue Management and Billing Application**).
* Having End-to-End ORMB (Oracle Revenue Management and Billing) Architecture and Data model knowledge.
* Practical experience in entire application lifecycle, focusing on design, coding, debugging, and analyzing.
* Gained expertise in critical functional areas of project: like **Order management, Provisioning**.
* Experience working on **OSGI framework** with Apache Felix implementer.
* Contributed in the area of Debugging application issues, Problem Management, Application Monitoring using **Kibana**.
* Experience in creating **Docker** images, **Containers**, push/pull and integrating with **Spring Boot.**
* Involved in **Agile Methodology** and **Waterfall method** with respect to the successful development of the projects.
* Involved in **design sessions,** did **analysis** on requirements, participated in **task break downs** and **estimation sessions, assigned tasks to myself and entire team members, participated in daily scrum, bi-weekly Sprint end review** and **retrospect** meetings.

**TECHNICAL SKILLS:**

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| **Programming Languages** | **Java 8.0/7.0/6.0/5.0, PL/SQL** |
| **Java/J2EE Technologies** | **Servlets, EJB, JPA, JDBC, JSP, JSTL, JNDI.** |
| **Frameworks** | **Spring 4.3, Hibernate 2.0/3.0/4.x, Spring Security 3.2** |
| **Application/Web servers** | **BEA WebLogic 6.1/7.0 App Server, Apache Tomcat, IBM WAS, JBOSS** |
| **Relational Databases** | **Oracle 10g/11g, MySQL 5.7,SQL Server** |
| **NoSQL Databases** | **MongoDB, Cassandra snowflake** |
| **Internet Technologies** | **HTML 5, JavaScript 1.8, XML 2.0, CSS 3 and CSS 4, AngularJS 1.0/1.5/2.0, Node JS 6.0.** |
| **Cloud Environments** | **Azure, Netflix Eureka, Kubernetes. microservices** |
| **IDE** | **Eclipse, IntelliJ 2017.1, Spring Tool Suite (STS) 3.8.3** |
| **Operating system** | **Windows 10, Linux, Unix** |
| **Testing &Bug tracking Tools** | **JUNIT4.12, JIRA 7.0, Bugzilla 4.4.12, Curl 7.36** |
| **Methodologies** | **Agile, waterfall, TDD (Test-Driven-Development), Scrum, Kanban** |
| **Developer IDE Platforms** | **Eclipse, IntelliJ 2017.1, STS 3.8.3, GITHUB 2.12.0** |
| **Build Tools** | **Maven 3.3.9, Gradle 3.4.1** |
| **Web Services** | **SOAP 1.2, REST 2.0, JAX-WS, JAX-RPC, JAX-RS, Apache Axis** |
| **Version Control** | **GIT, SVN, Visual SourceSafe(VSS), Perforce, Concurrent Versions System(CVS)** |
| **Reporting Tools** | **Junit Reports** |
| **Other Tools** | **Postman, Putty, Quartz, Remedy 7, Jira** |
| **Programming Tools** | **Toad 9.7.2.5, Ant 1.5, Maven, Log4j, Slf4, LDAP and JUnit** |

**PROFESSIONAL EXPERIENCE**

**BASHPOLE SOFTWARE INC.**

**Software Developer May 2023 - Present**

**Responsibilities:**

* Engaged in client Bashpole Software, Inc. as key member of Promoter Motor project.
* Involved in analysis phase of the business requirement and design of PromoterMotor.
* Developed service layer in Java using **Spring REST** to integrate with PromoterMotor Ads services to get customer details.
* Developed database access layer using **Spring JPA** to perform CRUD operations like Insert,

Update and Delete on **Postgres** database.

* Integrated the landing pages with Google Tag Manager to analyze the performance of Ad

clicks and views.

* Integrated the landing pages with payment gateways like PayPal to accept donations for the

Donation type Ads.

* Developed **Java algorithms** to dynamically create the landing pages based on Ad types like

Donation, Newsletter etc. with the web scraped customer details.

* Developed UI pages in **JSP** to display monthly reports and dashboards for the customers with

the details of Ads generated and interaction of users with the Ads.

* Wrote Views and **Store Procedures** for generating report data in Postgres.
* Integrated with streaming services using **Kafka** for processing Ad click or visit events.
* Implemented build automation using **Jenkins** as part of continuous integration and

deployment for deploying code from development to production.

* Used **Git** as a source control repository to maintain code and track historical changes on the

code.

* Implemented container services using **Docker and Kubernetes** for auto-scaling and OS

independent deployments.

* Used **Jira** to perform bug tracking.
* Performed unit testing in the developed code before final builds.
* Provided project technical **status reports**.

**Environment: Java, JEE 8, Core Java, OOPS, Spring REST, Spring Data, Kafka, Angular JS, JUnit, Spring JPA, Bootstrap UI, Spring boot, HTML, Unix, Postgres, Jenkins, Eclipse , Maven, Docker.**

**CGI Information Systems Private LimitED**

**Lead Analyst Jun 2022 – Apr 2023**

**Responsibilities:**

* Engaged in client PNC Financial Services Group, Inc as key member of HCA project, delivering comprehensive health insurance services.
* Contributed as a member of a healthcare project’s development team, actively involved in designing and developing new **microservices** to enhance overall application’s functionality.
* Implemented **Exception Handling, Error Handling** and **Log4j** Framework.
* Successfully led the transition process from **Spring Framework** to **Spring Boot** project, leveraging enhanced maintenance and performance capabilities.
* Designed and Implemented **PL/SQL** stored procedures.
* Implemented best practices and conducted thorough analysis to ensure a seamless migration from the Spring Framework to Spring Boot, resulting in improved development efficiency.
* Developed the presentation tier using **Angular** and **NodeJS**.
* Collaborated with the development team to refactor and optimize existing codebase, ensuring compatibility and smooth integration with the Spring Boot ecosystem like **Spring Data**.
* Deploying by resolving any external dependencies and customizing these deployed enterprise bean in this specific application. Finally deployed the jar files in the **Container** and **WAR** files in the **Web Container** on to the **WebSphere server**.
* Employed Spring Boot's auto-configuration and starters to simplify and streamline application setup, leading to reduced development time and increased productivity.
* Used **Azure** functions for data processing.
* Utilized **Azure** DevOps and other CI/CD tools for automated deployments.
* Implemented **microservices architecture** using Spring Boot, enabling scalability, modularity, and better maintainability of the application.
* Conducted comprehensive testing and debugging during the migration process to identify and resolve any compatibility or performance issues using **JUnit and TestNG**.
* **Documented** the migration process and created guidelines for future reference, facilitating knowledge sharing and ensuring seamless transitions for future projects.
* Actively participated in knowledge sharing sessions and provided technical support to team members for server setup like **IBM WAS**.
* Used **SVN** for version control and used **JIRA** as defect tracker to track all the **QA** and Production issues.
* Involved in daily calls with Onshore and offshore team on both **Agile Scrum** and **Kanban** methodologies.

**Environment: Java, JEE 8, Core Java, OOPS, IBM WAS, Hibernate, WebSphere, Angular JS and Restful Web services, JUnit, Spring Data, Bootstrap UI, Spring boot, NodeJS, HTML, JMS, Unix, Oracle 11g, GIT, Eclipse RCP, CVS, Maven, TestNG.**

**UNITEDHEALTH GROUP**

**Senior Java Developer Sep 2014 – Jun 2022**

**Responsibilities:**

* Developed **RESTful** web services with Apache OSGI framework.
* Used **Spring MVC** (Model View Controller) to handle/intercept the user requests and used various controllers to delegate the request flow to the Backend tier of the application.
* Used **JSP**’s in the presentation tier along with various Spring tags, **JSTL** tags, CSS and **JavaScript**.
* Used **Spring IOC** (Inversion of Control)/DI (Dependency Injection) to wire the object dependencies across the application.
* Involved in integrating **Spring** with **Hibernate** and delegated the persistence operations using Hibernate Template.
* Handled deployment in **Bea WebLogic**.
* Gained functional knowledge in **Health Care** domain and its applications.
* Provided support for the enhancements delivered.
* Practical experience working with **GIT** and Subversion code control system and **Maven.**
* Managed service-now items like **CHG, CTASK, INC, CMDB**, etc.
* Implemented common security protocol products such as **Secure Messaging**, **SMS**, Federated Data Storage, Messaging Center, SSO and Provisioning.
* Created and maintained **Jenkins** pipeline jobs.
* Created and tested **JUnit**, Integration and **SoapUI** test cases along with source code development to be on compliance with Quality Gate.
* Gathered and addressed technical and **design** requirements.
* Built reusable code and libraries for future use.
* Used **Sonar, Fortify** to fix defects.
* Providing end to end support for on prem applications like MAHIX, Link Platform
* Migrated **CI/CD** process and source codes to latest tools - **Jenkins and Git**.
* Exposure in working with DevOps model and developed many pipelines for CI/CD from Jenkins to GitLab.
* Created several **automation scripts** to monitor applications' health.
* Developed **PLSQL** packages for BRMS application; a Billing Engine implementation using **ORMB**.
* Involving in daily discussions with Onshore Business Analysts to understand solution and its implementation through **Agile Scrum**.
* Involved in **SQL** Query improvement activities and re-organizing schema for effective relations between tables.
* Used **SQL Developer** to query, update, and monitor **oracle database**.
* Provide training and support to internal teams.
* Developed queries for **automating** the migration process of legacy data to **BRMS**.
* Leading a team of 7+ for the development and migration activities of the **billing engine**.
* Technical design documentation walkthrough/review.
* Implemented **Exception** Handling, **Error Handling** and **Log4** Framework.
* Designed solutions for business logic that meets the requirements.

**Environment: Java/Java EE 1.5, Eclipse 3.5, BEA WebLogic 10.X, Spring 2.x, Spring MVC, Spring Restful Services, Spring IOC, JSP, JavaScript, GITS, HTML, JSTL, Spring boot, Hibernate, XML, JUnit, Log4, SQL Developer, Oracle 10g, SVN, MAVEN, Linux, PUTTY, ORMB, SMS, Maven.**

**NETCRAKER TECHNOLOGY CORP**

**Software Associate Jul 2010 – Aug 2014**

**Responsibilities:**

* Development for Notifications module for ROBI Telecom in **Core java, multithreading**, **Collections** and other **J2EE** technologies.
* Developed SOAP Webservices and deployed them into **Web logic** to consume in UI modules.
* Experience with local/unit testing (with **Junit**) and UI debugging with **fiddler**.
* Developed detailed level design for change requests in Cricket (client) as per High Level Design document and worked on UI development using **HTML**, **CSS, JSP, Servlets** and **Java script.**
* Used Struts-Validator frame-work for all front-end Validations for all the form entries.
* Developed data layer using **JDBC**.
* Created required DB schema objects in **Oracle** database.
* Provided development support, **SST, UAT** for this component, tested all the methods individually to ensure the correctness and quality.
* As part of Information Management Centre of Expertise (ICE) team gave production support on custom **Order Management** for CRICKET
* Developed automation scripts in **PL/SQL** for solving failed order problems.
* Gave quick response and provided support for severity 1 issues.
* Involved in **Unit integration, bug fixing, acceptance testing** with test cases, Code reviewing
* Good Experience in Telecom domain based functional areas like Order Management, Shopping and Ordering, Offer flow management and Payment Management.
* Actively participated support activity of the Project, in the debugging of the application by pointing to unified server.
* Business Logic analysis to produce **Business Requirement, Workflow Diagram**, Architecture, Functional and Design specifications.
* Regularly performing end to end **Sanity testing** on new builds and understood functionality of each API.
* Provided consistent production support for AWCC in all deliveries/releases.
* Designed and developed UNIX shell scripts as part of the ETL process, automate the process of loading, pulling the data.
* Was part of Development, Low level Design and System Testing.
* Developed and maintained PLSQL procedures for functional modules.

**Environment: Java/Java EE 1.5, Eclipse 3.5, BEA WebLogic 10.X, Spring 2.x, Spring MVC, Soap Webservices, JSP, JavaScript, GITS, HTML, XML, JUnit, Log4, SQL Developer, Oracle 10g, SVN, MAVEN, Linux, PUTTY.**