**Vara Pratap P**

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**Professional Summary:**

* Over 15 Years of strong experience in design, development of web based as well as Java backend applications in various domain like Telecom, Automotive and Healthcare.
* Strong programming skills in **Java, J2EE** with extensive ability to develop scalable applications. Extensive experience developing applications using **Spring Boot, Spring Framework**.
* Experience with Spring Data for Relational and Non-Relation Database and write code for all CRUD operations. Good Exposure on securing API using Spring Security **OAuth2**(Authentication, Authorization) using **JWT** Tokens
* Worked on Lambda Expressions, Functional Interfaces and Stream API's by using **Java 8**. Designed and developed Micro Service business components using Java/J2ee, Spring boot and implemented Rest Web services based on **RESTful** APIs.
* Experience on Spring Framework applications like **Spring Core, Spring AOP, Spring IOC, Spring Batch, Spring JPA, Spring Security and Spring boot** and did integration to **Microservices** into existing system architecture.
* Experience in developing and consuming **REST** and **SOAP** web services. Has immense experience on developing microservices using Spring boot, **Docker** and **Kubernetes**. Strong experience administering installing and monitoring **WebLogic** applications. Handled asynchronous processing of data using JMS and **MQ**.
* Experience in message streaming by using **Apache** **Kafka**. Closely worked with Kafka Admin team to set up Kafka cluster setup on the QA And PROD environments. Had knowledge on Kibana and Elastic search to identify the Kafka message failure scenarios. Experience on CICD tool and creating pipeline for build using **Jenkins**.
* Experience in application deployment on **Azure Kubernetes, Auto Scaling** etc., Configured AKS on windows system to verify deployments status and logs. Experience with Agile process and related tools like **JIRA**
* Expertise in web frontend technologies using  **jQuery, HTML, JSP, CSS, JavaScript, Ajax, Angular, Node Js.** Hands on experience in Services, Components and Routing in **Angular**.
* Experience in Automating, Configuring and Deploying instances on **AWS**, also familiar with **EC2, S3, RDS, Lambda, Cloud Watch** and managing security groups on **AWS**.
* Developed DAOs using Hibernate as ORM to interact with DBMS- like **MySQL**, **PostgreSQL**, and NoSQL database like **MongoDB**. Responsible to designing and deploying **ELK** clusters.
* Experience using various tools used in development– STS, SoapUI, Postman, Bitbucket, Git etc. Telecom BSS/ OSS specialist, with focus and expertise in Order Management, Inventory Management, Service Assurance.
* Experience with build tools like ANT, Maven, and Logging tools like log4j. Strong experience with Mongo DB development (reports, schema design, map reduce functions) and migrations from SQL relational databases, experienced with setup, configuration and maintain **ELK** stack (Elasticsearch, Logstash and Kibana).
* Experience with SQL and no-SQL query (MongoDB) to code basic operations. Experience in working on Agile and Waterfall model. Experience on SonarQube Dashboard and to identify & resolve vulnerable code, major defect and maintain code coverage of application for better performance.
* Closely interact with Business customers and do complete the tasks before its SLA. Flexible to adapt to any new environment and to work on any project. Experience in Leadership, Schedule Management, Client Interaction and understanding Business Application, Business Data Flow and Data relations from them.

**Education:**

* Master of Computer Applications from Sri Venkateswara University, India-2005
* Bachelor of Commerce (Computers) Sri Krishnadevaraya University, India- 2002

**Skills:**

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| **SKILLS** | **TOOLS** |
| **Programming Languages** | JAVA, J2EE |
| **Spring Framework** | Spring core, Spring boot, Spring AOP, Spring JPA, Spring MVC, Hibernate ORM |
| **Cloud Technology** | Azure, AWS |
| **Web and UI Tech** | HTML, CSS/Bootstrap, Java Script, Angular, Node |
| **Analytical Tools** | Eclipse, IntelliJ IDEA (Ultimate Edition), Putty, SQL Developer, DevCenter, Sonar Dashboard, ITrack, JUnit, Mockito, JIRA, Visual Studio Code, Agile Craft Tool |
| **Methodologies** | Agile methodology/Scrum, Waterfall |
| **DevOps** | CI-CD, Jenkins, Docker, Kubernetes |
| **Webservices** | Restful, SOAP |
| **NoSQL Database** | MongoDB |
| **Message Queues** | JMS, Rabbit MQ, Kafka |
| **Web/Application Server** | Tomcat, WebSphere Application Server, WebLogic, JBoss |
| **Databases** | Oracle 11g, MYSQL |
| **Others** | GIT, Bitbucket, XML Spy, Maven, WSDL generation tool, XML/XSD, JSON, SVN |
| **Operating Systems (OS)** | Windows, Unix |
| **Domain Expertise** | Telecom, Automotive, Healthcare |

**Professional Experience:**

(Tech Mahindra Americas inc.) AT&T, Dallas, TX JUL 2019 – TILL DATE

**Java Lead**

**Description:**

* Consumer Privacy Act is mandate project that AT&T started with California State to address customer’s DSAR requests. Customers have right to submit Access, Delete and Do Not Sell requests and AT&T is obligated to fulfill customer requests within 45 days. AT&T expanded Privacy act to other regions, GDPR and LGPD to cover rest of the countries int the world. One Trust sends confirmation email to customer via EDD for all related cases. Gather required case details from CPIM backend and provide to one trust for processing.

**Responsibilities:**

* Enhancement to existing microservices like report with daily cases report. Developed Notifications microservices for DDET to existing outbound only mail solution and utilize mS for sending email notification across DDET platform along with attachment and deployed on azure cloud.
* Used Streams and Lamda Expressions available as part of Java 8 to store and process the data. Developed the Application as Single Page Application (SPA) using Angular. Providing Global Search with Elastic Search.
* Developed Custom Factories and Services using Angular for refactoring code reuse. Used Angular Expressions and scope object to bind data and controller with views. Involved in designing Kafka messaging queues.
* Involving Order Management services for Customer issues. Analyze report of case data in production and validate it. Developed application using Spring Boot, Apache Camel, Java technologies.
* Implemented to reprocess the failure messages in Kafka using offset id. Implemented Kafka producer and consumer application on Kafka cluster setup with the help of Zookeeper. Using spring Kafka API calls to process the messages smoothly on Kafka Cluster setup.
* Have knowledge on partition of Kafka messages and setup the replication factor in Kafka cluster. Used GIT for version control and code merges from branch to trunk. Configuring WebLogic Servers in a clustered environment, Perform database updates and load data in MongoDB.
* Elasticsearch and Logstash performance and configuration tuning, All the functionality is implemented using Spring boot and Hibernate ORM. Implemented Java EE components using Spring MVC, Spring IOC, Spring Transactions and Springs Security modules.
* Implemented the application using Spring Boot Framework and handled the security using Spring Security. Designed and developed a Restful APIs for different modules in the project as per the requirement.
* Created a Continuous Delivery process to include support building of Docker images and publish into a private repository. Involved in production fixes /production support for sprint releases.
* Worked on MongoDB database concepts such as locking, transactions, indexes, replication, schema design. Used MongoDB to run the report and query the database for low latency and fast accessing.
* Responsible for installation and configuration of Jenkins to support various Java builds and Jenkins plugins to automate continuous builds and publishing Docker images to repository.
* Build the code using Jenkins and deploy the code in Kubernetes environment, Used Swagger specification for documenting REST API’s which exposes description of a RESTFUL web services to different clients.

**Environment**: Java 8, Angular, Restful Webservices, spring boot, Microservices, Kafka, Jenkins CI/CD, Docker, Kubernetes, Azure, PowerShell, GIT/Code Cloud, postman, Eclipse, Sonar, Agile Craft

**(Thirdware Technology Solutions, India) (Tech Mahindra, India.) Ford Motors, Michigan- Offshore**

**Technical Lead** MAR 2015 – JUN 2019

**Description**:

Ford OWS Project is used for Claim Validation Process and Warranty Administration for Dealer information. Ford OWS Project is used for Claim Validation Process and Maintain Dealer information. In this Warranty Administrator have privileges to add or delete Users, States etc. When End user Inserts data in frontend, it will store data in Database connecting through web services. While searching the data it will fetch from the corresponding Database via web services

**Responsibilities**:

* Developed Autosys scheduling jobs for scripts / process to avoid manual intervention. Worked on claims status push module to send instant claims status updates such as paid, rejected, under review, etc. than dealers waits for the update in next day. Involved in Application Performance Monitoring.
* Developed a Java, Oracle, Spring MVC, and Hibernate based Web application. Developed interfaces between Dealer management system and other downstream systems as part of migration from the legacy systems. Coordinate with Server team, DB team for infrastructure requests, issues and deployments.
* Developed claim status feeds to transform the data to send across multiple systems such as BizTalk, Data power etc. Handled asynchronous processing of data using JMS and MQ. Managing deliverables and responsible for the production releases. Managing Development, Build, Test & Deployment.
* In - depth knowledge with extensive hands-on experience in Core Java, J2EE, Servlets, JSP, JSTL, HTML, CSS, JavaScript, JQuery, XML, JSON, AJAX, SOAP Web Services, REST Web Services, JDBC, Multithreading, Java Collections Framework, Java Messaging Service. Stored Procedures Tuning, JAVA and COBOL, SOA, JXML.
* Built an end-to-end vertical slice for a JEE based billing application using popular frameworks like Spring, Hibernate, Struts, Maven2, and Ajax by applying OO design concepts, JEE & GoF design patterns, and best practices.
* Developed front-end development and web application using HTML, CSS, JSP, bootstrap and JavaScript, JSF Framework that uses Model View Controller (MVC) architecture with JSP, new and existing pages, applied new styles on the pages with the help of Dojo and JavaScript.
* Created Typescript reusable components and services to consume REST API's using component-based Architecture provided by Angular. Deploy the application on Amazon Web Services (AWS). Implemented business process, database retrievals, access of information and User Interface using Java, Struts.
* Developed, involved and guided the team for automation techniques, which saved the cost and manual effort. Used Amazon Cloud Watch to monitor AWS Services and Amazon Cloud Watch logs to monitor application. Worked on Service deployment using Continuous Integration on AWS EKS Clusters.
* Implemented AWS solution using EC2, S3, RDS, Lambda, EBS, Elastic Load Balancer, Kubernetes, Autoscaling groups. Involved Disaster Recovery Testing, Developed the view-controller components using Servlets/JSPs, JavaScript, CSS, Web services, and DHTML.

**Environment:** Java, Spring, Spring MVC, Hibernate, RESTful APIs, Angular, JavaScript, Typescript, HTML, CSS, PowerShell, AWS EKS, JIRA, SQL server

(Thirdware Technology Solutions, India) Ford Motors, Michigan- Offshore SEP 2010 – FEB 2015

**Sr. Software Engineer**

**Description:**

Global Campaign program (GCamp) is one of four systems comprising the Enterprise Project Initiative (EPI) known as Global Concern Management (GCM). GCamp supports GCM by managing global Field Service Action (FSA) processes (recalls, customer satisfaction programs, pre-sale updates, etc.) from point of affected vehicle identification, FSA launch, reporting and follow-up through FSA completion. GCamp also supports this initiative by satisfying global Field Service Action reporting requirements as specified by global legislative bodies worldwide, for example, the U.S. Transportation Recall Enhancement, Accountability and Documentation (TREAD) Act.

**Responsibilities:**

* Involved in all the phases of software development with quality assurance. Developed Autosys scheduling jobs for scripts / process to avoid manual intervention. Designing and developing the business components using MVC, Spring and Hibernate. Involved in writing DAO layer using Hibernate to access application database.
* Involved in developing applications using Java and J2EE. Developed user interfaces using JSP, HTML and CSS, Designed and developed batch jobs using spring quartz API, The framework was designed to process large amounts of data and to be performance effective. Expertise through all parts of Software Development Life Cycle (SDLC) in developing web applications using JAVA, J2EE, EJB, Web services, SOA, SOAP etc.
* Involved in adding the new features to the existing system based on the requirements. Developed SQL statements to perform various data access functions. Used Log4J utility to log error, info and debug messages. Worked on Git Hub for Configuration management, Jenkins for Continuous Integration (CI).
* Writing custom tag handlers for Insurance Quote page to calculate the age of the person using the date of birth information entered. Developing Action Classes, Service Classes for Resident Insurance Premium payment module. Managing Development, Build, Test & Deployment.
* Developed reusable web components, JSP, Servlets and Java Beans that use the MVC pattern to access EJB (Entity Beans) for the modules of user registration. Developed and consumed REST and SOAP API based Web services that allow sophisticated, effective and low-cost application integration. Used JSON as the data interchange format. Developed PL/SQL stored procedures, cursors and Triggers in Oracle database.
* Delivery Support, Coordinate with Server team, DB team for infrastructure requests and deployments. Developed and guided the team for automation techniques, which saved the cost and manual effort.
* Involved in Application Performance Monitoring. Managing deliverables and responsible for the production releases. Involved in Application server related deployment activities. Involved Disaster Recovery Testing.

**Environment**: HTML5, CSS3, JavaScript, Java, Spring, Spring MVC, Hibernate, RESTful APIs, WebSphere, JIRA, SQL server.

(ACE TELEVOICE AND SERVICES PVT LTD., Mumbai, India) MCGM, Mumbai AUG 2006 – JUL 2010

**Software Engineer**

**Responsibilities**:

* Actively participated in the analysis, definition, design, implementation, management, and deployment of full software development life-cycle of project. Worked with OOPS concepts and developed the project for Mobile Application. Involved extensively in Data modeling, Installation, Configuration, upgrading and troubleshooting MySQL databases.
* Responsible for translating designs and concepts into highly usable and engaging web applications using HTML, CSS, JavaScript, JSON and jQuery. Designed quite a lot of HTML forms using the various html form tag, according to the requirement of the end user.
* GUI design and development using Java Swing used for open-source web testing. Implemented Model View Controller (MVC) architecture and developed Form classes, Action Classes for the entire application using Struts Framework. Managed source control with SVN, and GIT.
* Extensively used CSS to change the styles to be used in future web layouts and debugging the errors issues with CSS, Spring Boot framework, or J2EE framework. Developed Application using Eclipse IDE. Designing UI screen for Insurance Quote to get User information with JSP. Writing PL/SQL Queries to get schedule of policy payment and defaults.
* Implemented dynamic page elements and form error validations using JavaScript. Maintain and developed new requirements over the existent project. Using Message Driven Bean (MDB) from J2EE for consuming messages, of different applications. IBM Web Sphere Application Server for deploying the application. Compile and Build using Maven build tool. Splunk for logging and log analysis. Performed code reviews PRs, for maintenance of good quality standards. Created JUNIT testings and IT with Wire-mock.
* Worked on JSP, Servlets, Strut’s framework and production support issues of the existing applications. Involved in system design and development using Collections for the action classes using Java.
* Implemented the Drag and Drop functionality using jQuery framework plug-ins for Drag-and-Drop, Widgets, Menus, User Interface, and Forms. Used Java Persist API (JPA) with Hibernate.
* Developed dynamic page elements and form error validations using JavaScript. Implemented Java Rest Web Services. Created Stored Procedures and complicated queries for MySQL.

**Environment**: Core Java, Java swing, Struts, Hibernate, HTML, CSS, JavaScript, jQuery, JSON JSP, Servlets, Eclipse, MySQL.