**Varsha Veeramaneni**

**(425) 615-6169**

**Sr. Java/J2EE Developer**

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**PROFESSIONAL SUMMARY**:

* **Around 9 years** of experience in Web Application Design, Web Service Development, Programming, Testing, Support Maintenance, and End-User support using **Java/J2EE** technologies.
* Experience and Knowledge of all phases of Software development life cycle (**SDLC**), which includes User Interaction, Business Analysis and Modeling, Design/Architecture, Development, Integration, Documentation, Coding, Testing, Deployment and developing applications using **Waterfall.**
* Developed web-based controllers using **Java**, **J2EE**, **Webservices** (**REST**), **MVC** 4.0/5.0 framework (**Spring MVC** 2.5.2), and **MySQL**.
* Developed applications using **Java**/**J2EE** and frameworks such as **Java** **11**/**8**/**7**, **Spring, NodeJS, Spring MVC, Spring Boot, Restful API, SOAP, Security/JWT/OAuth2, DATA JPA** and **Hibernate**.
* Excellent knowledge on **Java8** concepts like **Streams**, **Lambda Expressions**, **Method References** etc. and developed **MVC** based **portlets** using **Liferay** and migrated existing **portlets** from **Liferay** 6.1 to **Liferay** 7.1.
* Creating **REST** web services to publish **ML** models - business function and earnings code Hadoop prediction models via API as predictive analytic service using **Java 11** and **python**.
* Hands on Experience on **MVC** Framework and **Hibernate** 7.1/7.2 to connect with **backend** database for large based enterprise Applications.
* Proficient in developing front-end systems like Client-side validations with **JavaScript, Ajax, Bootstrap, HTML, CSS** and **JavaScript** frameworks such as **AngularJS**.
* Experience in deploying applications/**Port lets** on **Tomcat** 5.x/6.x/7.x, and **WebLogic** 6.x/8.x/9.x servers writing **JUNIT** test cases as well as **Selenium** test cases to make sure the **UI** changes are reflected correctly or not.
* Expertise in open-source frameworks like **Struts** 2.0, **Spring** 4/5 (**IOC**, **JDBC**, **AOP**, and **LDAP), Web services, Hibernate,** **JAXB**, **AXIS**-2, **JAAS** (Java Authorization and Authentication System), **JUNIT etc.**
* Expertise in creating web applications using **HTML**/**HTML5**, **CSS**/**CSS3** (**SASS**, **LESS**), **Bootstrap**, **JavaScript** (**ES5**), **JQuery**, **AngularJS**, **Angular 8/7/6, AJAX,** and **JSON**, **Node**.**js**, and **ReactJS**.
* Experience in Web Services using **SOAP, Restful, WSDL, HTML, XML, JAXB, XSD, SAX** and **DOM** parsers and with **core** **Java 11** with **Multithreading**, Concurrency, Exception Handling, and **Java** Collections.
* Developing UI using **HTML5**, **CSS3**, **JavaScript**, **JQuery**, **Bootstrap**, **AngularJS** and **NodeJS** and Developed prototype and project layout skeletons using **ReactJs**, **JQuery**, **HTML5**, and **CSS3**.
* Hands on experience on front-end technologies such as **HTML5**, **CSS**, **JavaScript**, Struts tag libraries, **AJAX**, **JSON**, **XML**, **XSLT**, **Angular JS**, Angular 8/7, j Query, **React JS** and **Bootstrap** frameworks.
* Hands on experience in implementation of **PCF** (Pivotal Cloud Foundry) **Paas** (Platform a Service) such Pivotal Application Service, Pivotal Container Service and Pivotal Functional Service to continuously deliver **GCP** applications on to the cloud.
* Involved in pretesting the Web Service calls with **SOAPUI** using Hadoop endpoints used **GITHUB** for maintaining the component and to release version management.
* Strong knowledge of Cloud application security models, protocols and tools like **AWSIAM**, **AWSKMS** policy, **Microsoft Azure AD**, **Google Cloud.**
* Using **Docker** for setting **Azure** Container Registry with Docker and Docker-compose, actively involved in deployments on **Docker** using Kubernetes.
* Working on NodeJS framework to develop dynamic and rich client web pages **MicroServices** with **Spring boot** 2.7.1 through a combination of **REST** and **Apache Kafka**.
* Developing Micro services applications using **Java 11**, **Spring Core**, **MVC** 4.0/5.0, **DAO**, **ORM**, **Spring MVC**, **Spring Eureka**, **Spring Hystrix**, **Spring Ribbon**.
* Experience in handling messaging services using **Apache Kafka** Implemented **AWS** solutions using **EC2**, **S3**, **RDS**, **EBS**, **Elastic**, **Load Balancer**, **Auto**-**scaling groups** and used **AWSSDK** to connect with **Amazon SQS** for bulk email processing.
* Hands on experience with **Kubernetes**, **Jenkins**, and **Docker** using experience with **MongoDB** development (reports, schema design, map reduce functions) and migrations from **SQL** relational databases to **NoSQL** databases like **Mongo DB**.
* Experience in Continuous Integration tools such **Jenkins** and Bamboo and Experience with **CI/CD** tools (**Jenkins**, **GitLab**, **and Ansible**) on various **Python** packages such as **Pandas**, **NumPy**, **Scikit Learn**, **Matplotlib**, **SciPy**, **PyTables**.
* Experience of designing and architecting server-less applications using **AWS** **lambda** **API** **Gateway**, **DynamoDB** and Security Token Service (**STS**).
* Experience in working with messaging services like **Kafka** and **RESTAPI’s** to pull and push Metadata from **Apache Atlas** using **Java** Connectors.
* Implementing configured **JIRA** issue tracking software with **Agile** plug-in across all the company functions to maintain the version of the files used **GitHub** and took the responsibility to merge code from branch to master and created new branch when further implementation started.
* Experience with Version Control tools like **GIT** and build tools like **MAVEN** and Gradle with **GCP** Integrated Development Environments like **Eclipse** and **IntelliJ** and **STS**.
* Working with No SQL and Big Data technologies such as MongoDB, Cassandra, Hadoop supporting/Enhancing Lamda functions in Aws Fargat that queries elastic search cluster for producing Servers.
* Using **Python** modules such as **Requests**, **Urllib**, and **beautiful soup** for **Python Data**/**web crawling** And Hands on design and implementation of **AI (Artificial Intelligence), machine learning algorithms** using **Python**.
* Good experience in developing web applications implementing **Model View Control (MVC)** architecture using **Django**, **Flask**, **Pyramid** and **Zope Python** web application frameworks.
* Creating libraries for common math and science-oriented programming tasks Hadoop with **SciPy** leverages other **Python** packages, including **NumPy** and **Pandas.**

**TECHNICAL SKILLS:**

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| **Languages** | Java 11, 8, 7, J2EE, C++ |
| **Java Frameworks** | Struts 1.2, Struts 2.1, Spring MVC, Spring Security |
| **Tools** | AEM 6.1, AEM 6.4 |
| **Client Scripting** | JQuery1.8, 1.9, AngularJS, JavaScript, CSS3, HTML5, JSTL, Spring Tag Library, NodeJS, XML, XSD, Boot Strap |
| **Server Scripting** | JSP1.2, 2.1 |
| **Databases** | Oracle 11g/12c, MySQL 6.3, DB2, MongoDB, PL/SQL, JDBC |
| **Web Servers** | TOMCAT 5.0, 6.0, 7.1 |
| **Application Servers** | JBOSS 4.0, Web logic 8.1, 10.0, Web sphere 6.1, EJB |
| **Version Control** | GitHub, Bitbucket |
| **Cloud (AWS)** | EC2, EBS, S3, DINAMO DB, and ELASTIC Search. |
| **Build Tools** | ANT 1.7, 1.9, Maven |
| **IDEs** | Eclipse 3.0, 3.1, IntelliJ, Spring Tool Suite 4 |
| **ORM Frameworks** | Hibernate 3.0, 3.1, 4.1,5.4.2, Open JPA, Apache iBatis |
| **Webservices** | SoapUI 4.0, 5.1, Axis 1.0, 2.1, JWSDP 2.1, Sun Metro, Sun Jersey, Apache XFire, Restful API |
| **Methodologies** | Agile (XP, Scrum), Waterfall model |
| **White box Testing** | Junit 4, DB Unit |

**PROFESSIONAL EXPERIENCE:**

**TIAA, New York, NY Mar 2021 TO PRESENT**

**Role: Sr. Java/J2EE Developer**

**Description:** TIAA helping those who help others find confidence in retirement is in our mission. TIAA was to help teachers retire today, our reach extends beyond education to healthcare and cultural fields and we stand hand-in-hand with to help fortify their money so they can ignite their dreams.

**Responsibilities:**

* Designing, developed and implemented unit tests and product features developed business components using **Java** Objects, **Core** **Java**, Multithreading and Collections.
* Configuring **Java 11** objects with backend database tables using **ORM** mapping in **Hibernate** end to end application on **spring boot** framework (**Rest Api** Application/**Spring JP** Using Crud repository).
* Understanding user change requirements and analyzing the source systems and Developed **UI** pages using JSP **&amp**; **Spring** **MVC** framework validations are done using **Spring** **MVC** validation framework and **JavaScript**.
* Implementing **CI/CD** pipeline as code using **Jenkins 2.60.3** and Developed build and deployment scripts using **MAVEN** as build tool, and integrated **selenium in Jenkins 2.60.3** to perform the **automated integration test**.
* Working on **Angular 8, Angular. Js framework** to augment browser-based applications with **MVC** Capability, built dynamically generated dropdown lists using **Ajax**, **jQuery**.
* Installed, configured and hosted the Tomcat app servers and MySQL database servers on physical servers (Linux, Windows), and Amazon AWS virtual servers (Linux).
* Working on Jenkins for continuous integration with Gradle and GitHub setup the Continuous Integration & Continuous Development for the **GCP** application using Jenkins.
* Expertise in writing JUnit test cases for system testing used Log4j for logging and Diagram Hadoop with Activity BPM and BPMN 2.0 with SVN, GIT and GITHUB for version control and Quality Center, HPALM, Jira for bug tracking.
* Proficient in developing Front-end systems with HTML5/CSS3, DOJO, JavaScript, jQuery, Ajax, JSF, ReactJs, Bootstrap, Tag Libraries, Custom Tags and JavaScript Frameworks such as Require.js, Backbone.js, AngularJS, NodeJS, ReactJs.
* Developing **RESTful** Web Services to retrieve data from client side using **Micro** **Services** architecture of **Spring boot** application with **Micro services** performing the Unit testing and basic functional testing with different set of data.
* Integrating with **Spring** Cloud Netflix’s components like Eureka (Service Discovery), Hysteric (Circuit Breaker), Ribbon (Client-Side Load Balancing) and Zulu Proxy.
* Proficient in working with various technologies like **Java**, **Java11** Beans, **J2EE** (JSP, JSF, Servlets, EJB), **Spring 5**, **Hibernate**, **Micro services**, **Spring Boot**, **Angular 8**, **Spring Cloud**, Ajax, jQuery, JMS, JDBC, XML, JAAS, JAX-WS/JAX-RPC, Web Services, LDAP and Design Patterns.
* Using **Kafka** on publish-subscribe messaging as a distributed commit log, have experienced in its fast and **Python** and Scalable created User defined exception classes using **Java** and building **SOAP, Rest** and **Rest API**.
* Extensively used **Hibernate** in data access layer to access and **GCP** updates in the database used **Docker** to containerize the Hadoop Services and **APIs** to run on **AWS** **EC2** instances.
* Responsible for provisioning environment and deploying the dockerized applications by developing manifests **JIRA** for tracking the activities, Tasks and defects of Ehcache as a second level cache in the **DAO** layer for **Hibernate**.
* Working on data preprocessing, cleaning and publishing data to **Apache** **Kafka** topics writing **Java 11** classes, reusable components and **Java** **Beans** for getting data from **oracle** tables.
* Participating in a **Scrum** team and Agile Practices including Test-Driven Development (**TDD**), Behavior-Driven Development (**BDD**) and pair programming.
* Made the integration of data in several applications in favor **JSON** documents with dynamic schemas Google Cloud Platform (**GCP**) using **Mongo DB** (**NoSQL**) database.
* Creating **MySQL** and other service instances to bind the deployed application in **Pivotal Cloud Foundry (PCF)** andused Maven build script for building and deploying the application and designing new database tables for the enhancements.
* Developing the **java** code using **Eclipse** as **IDE** backend services in **Java** and **Groovy** strong experience in implementing Service oriented architecture and Web Services using **SOAP**, **RESTFUL** **API’s**.
* Responsible for building/deploying consistently repeatable build/deployments to company non-production environments using **JENKINS** **&amp**; BUILD Pipelines.
* Experience in handling messaging services using **Apache** **Kafka** implemented **Micro services** architecture to make application smaller and independent **REST** web services using **Jersey** with the enabled **OAUTH**.
* Maintaining, structured, and surveyed documents within the **NoSQL** **MongoDB** database; ensuring data integrity, correcting anomalies, and increasing the overall maintainability of the **database**.

**Environment:** Java 11, J2EE, Spring 5.0, Spring Boot 2.7.1, Spring MVC, SOAP, Hibernate, Micro services, REST, REST API, CSS3, XML, Angular 8, AngularJS, PL/SQL2.3, CI/CD, Mongo DB, Kubernetes, Hadoop AWS, Google Cloud, PCF, NodeJS, Apache Kafka, Docker, JAX-RS, JUnit4.13x, Mockito,

**Comcast, Philadelphia, PA Sep 2019 – Feb 2021**

**Role: Java/J2EE Developer**

**Description:** Comcast is global media and Technology Company with largest video, high-speed internet, and phone providers to residential customers under the Xfinity brand, and also provides these services to businesses. It also provides wireless and security an automation services to residential customers under the Xfinity brand. NBC Universal is global and operates news, entertainment and sports cable networks, the NBC and Telemundo broadcast networks, television production operations, television station groups, Universal Pictures, and Universal Parks and Resorts media and entertainment companies, connecting customers to a broad range of video content through its pay television services. It also provides communications services.

**Responsibilities:**

* Worked as **Java/J2EE** Developer in developing two different web-based applications and followed **Test-Driven Development (TDD)** and **Agile** methodology.
* Developed Interactive web pages using **HTML5, CSS3 and JavaScript.** Develop various screens for the front end using **Angular JS** and used various predefined components.
* Implemented the single page web application based front end for displaying user requests, user records history and security settings various users using **Java** **8** and **AngularJS.**
* Developed application is built **Micro Service Oriented Architecture** using **MEAN (Mongo DB, Express AngularJS)** stack and developed **Single Page Applications (SPA).**
* Implemented **Angular 7** services to connect the web application to **back-end APIs** and Used **Micro Services** with **Spring Boot** through a **GCP** combination of **REST** and **Apache Kafka.**
* Defined and constructed layers, server-side objects and client-side interfaces based on **J2EE design** patterns used **Spring4**, **annotations, and MVC** to implement business layer and Hadoop navigation part of application,
* Implemented persistence layer using **Hibernate**7.1 that uses POJOs to represent DB tuples **business logic** at Server side in **Core Java**, and **Java2EE Architecture**.
* Developed web-based controllers using **Java 8, J2EE, Web Services (REST), MVC 4.0/5.0** framework (**Spring MVC 2.5.2**), and **MySQL.**
* Developed **Micro Services** with **Spring MVC** to retrieve API routes and Hadoop Implemented **Spring Circuit** pattern, integrated **Hystrix** dashboard to monitor **spring, Micro Services.**
* Developed **REST web service using Jersey** which produces **both XML and JSON** to **GCP** perform tasks, leveraged by both web and mobile applications. **REST API** using Jersey for **JAX-RS** implementation.
* Used **Shell script**, Git as version control, **Maven** for artifact build, **Log4j** as logging framework and **Jenkins** as **CI/CD tool**.
* Experienced working on **Docker Hub**, creating **Docker images** and handling multiple images primarily for middleware installations and domain configurations.
* Created tables and worked on **MySQL** and **PL/SQL** to write functions and packages for complex Inserts and updates in the database.
* Implemented AWS solutions using **EC2**, **S3**, **RDS**, **EBS**, **Elastic Load Balancer**, **Auto**-**scaling** groups and used AWSSDK to connect with **Amazon SQS** for bulk email processing
* Developed entire **frontend** and **backend** modules using **Python** on **Django** Web **GCP** Framework and Worked on designing, coding and developing the application in **Python** using **Django MVC**.
* Developed tools using **Python**, **Shell scripting**, **XML** to automate some of the menial tasks. Interfacing with supervisors, artists, systems administrators and production to ensure production deadlines are met.
* Used version control repository **GIT** and **JIRA** for issue tracking in Hadoop deploying applications in **Tomcat** server specific formats with Excel macros and **Python** libraries.
* Designed and developed a horizontally scalable **APIs** using **Python Flask** created a Handler function in **Python** using **AWS Lambda** that can invoke when the service is executed.
* Developed test cases and performed unit testing using **JUNIT** Test cases **UI** for Functional Testing, Performance Testing, and Regression Testing and to test **REST & SOAP**.

**Environment:** Java 8, J2EE, Spring 4.0, Spring MVC, Spring Boot, Hibernate, AngularJS, Angular 7, SOAP, REST, REST API, Microservices, MongoDB, Kafka, Kubernetes, Google cloud, SQL Server, CI/CD, Hadoop, Mongo DB, Kubernetes, PCF, Apache Kafka, Docker, JAX-RS, JUnit4.13x,

**US Cellular, Chicago, IL Apr 2018 – Aug 2019**

**Role: Java Developer**

**Description:** US Cellular is a leading company in providing the wireless services to the mobile platform. One message is the system that Us Cellular uses to send communications to its customers. One message is the Enterprise-Wide application for all transactional customer communications. The application supports all Email, SMS, EMS, and MMS communications for various organizations in Us Cellular One message stores customer notification preference in the preference center where customer can configure.

**Responsibilities:**

* Designed and developed the **REST** based **Micro** Services using the **Spring boot** presentation layer code, using **JSP**, **HTML**, **AJAX** and **jQuery**.
* Design, develop **&amp;** deliver the **REST** **APIs** that are necessary to support new feature development and enhancements in an agile environment.
* Developed the project using industry standard design patterns like **Singleton**, Business Delegate Factory Pattern for better maintenance of code and re-usability .
* Developing application module coded on **Spring** Batch and **Apache** Camel the Business layer using spring (**IOC**, **AOP**), **DTO**, and **JTA**.
* Developed
* unit test cases using Junit framework for testing accuracy of code and logging with **SLF4j** +**Log4j** the Persistence layer **DAO** using **HIBERNATE**.
* Writing end-to-end flow i.e. controllers’ classes, service classes, DAOs classes as per the **Spring MVC** design and writing business logics using **Core** **Java** **API** and data structures.
* Used **Java 7** concepts like **Swing**, **socket** programming, Collections, Multithreading, Event handling, Exception handling and **Generics**.
* Worked on **Mongo DB** concepts such as locking, transactions, indexes, replications, schema design expertise in the implementation of Core concepts of **Java 7**, **J2EE** Technologies: JSP, Servlets, JSF, JSTL, EJB
* Implemented **Angular JS** services to connect the web application to back-end APIs **SOAP, Rest, Rest API** web services to exchange the data with backend application
* Used **Spring** **JMS** related **MDB** to receive the messages from other team with **IBMMQ** for queuing worked with Open symphony workflows and delivered workflow module to the client.
* Created **groovy** scripts to extract transaction volume information and email to management on daily basis worked with defect tracking system Clear Quest responsible for code sanity in integration stream used Clear Case as version control tool.
* Involved in debugging and tuning the **PL**/**SQL** code, tuning queries, optimization for the Oracle database using Explain Plan, hints and also worked on Partition tables using Range method.

**Environment:** Java 7, J2EE, Spring, Spring MVC, Spring Boot, Hibernate, AngularJS, SOAP, REST, REST API, JavaScript, JQuery, Micro Services, Oracle, JDBC, Eclipse, Web Logic, CVS, JUnit, Bootstrap, Agile, Dash Board, UML, JSP, JSTL, Maven, CSS, JSON, Mantis, jQuery.

**Snycon Software Solutions, India Oct 2013 – Jul 2017**

**Role: Software Developer**

**Description:** Snycon provides IT solutions across the world. Our major focus is on solutions across different functions ranging from embedded systems design and development to networking, hardware, security, safety and surveillance systems, communication systems, web services and customized application software. Our success will be measured by the quality of the long-term relationships that we cultivate with our clients, Snycon has entered into a number of development partnerships with our clients to create niche domain-specific applications to provide integrated solutions for under-served market areas.

**Responsibilities:**

* Involved in all the phases of the life cycle of the project from requirements gathering to quality assurance testing. Created J Unit test cases and created set up manuals and user guides. Involved in Units integration, bug fixing and User acceptance testing with test cases.
* Implemented **MVC architecture** using Apache **STRUTS** framework Designed the front end using **JSP**, Tag Libraries and JavaScript. Designed and developed framework components, involved in designing **MVC** pattern using Struts framework.
* Worked closely with testing groups for module and integration testing Developed batch processes to perform the daily updates with **Spring Batch Module** **Automation** testing using J unit.
* Developed hibernate DAO Classes using Spring MVC Template, worked with **Hibernate** for object relational mapping and connection management.
* Used **Angular** Promise, Angular Custom directives, Angular custom services, Angular to **SOAP** to Spring calls involve in implementation of REST and SOAP based web services
* Developed applications using Integrated Development Environment (**IDE)** tools like My **Eclipse, Eclipse 3.2** the code environment using IDE as **Eclipse 3.2** and deployed into **Tomcat Server.**
* Involved in Developing of Application based on **J2EE** using **Hibernate** and spring framework. Implemented Dependency Injection using the spring framework.
* Learned **XML** for communicating client. Written Queries, Sub Queries in **SQL** to get data from **REST API** written in Groovy wrapped by Jersey **JAX-RS.**
* Good knowledge of concepts in Java likes **OOPS**, Multi-Threading and Exception Handling and implemented **Core -Java** concepts like Inheritance, **Polymorphism,** **Abstractio**n and **Encapsulation** used Java **Collection Framework**.
* Able to work well independently or as part of a professional computer program development team and possess effective communication skills along with strong dedication and commitment towards work.

**Environment:** Java, J2EE, Spring, Spring MVC, Hibernate, SOAP, REST, REST API, Java beans, Servlets, JSP, JDBC, JavaScript, HTML, J Unit, Eclipse, SVN, SQL.

**EDUCATION:**

* Master’s in Computer Science from University of Central Missouri, USA 2019