## **Vineeth Kumar**

Java/J2EE Developer

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## **PROFESSIONAL SUMMARY:**

* 4+ years of experience in development of applications using Object Oriented Programming, developing and testing of Client/Server, Enterprise/Web Applications and Microservices.
* 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.**
* Hands - on experience in **Software Development Life Cycle (SDLC)** Phases such as Analysis, Planning, Design, Implementation, Testing and Maintenance.
* Knowledge of Software Development Methodologies like **Agile**, **Waterfall**.
* Created AWS Security Groups for deploying and configuring **AWS EC2 instances**.
* Experience in **Core Java** with strong understanding and working knowledge of **Object-Oriented Programming (OOP)** Concepts like Collections, Multi-Threading, Exception Handling, java packages, sub packages, Applet, Regular Expressions, Abstraction, encapsulation, Inheritance and Polymorphism.
* Extensive experience in **Java**, **J2EEtechnologies** such as **Spring**, **Servlet**, **JSP, JDBC, Struts, JSF, EJB, Web Services, Hibernate, JMS, XML, XSD, XSL and AJAX.**
* Proficient in working with various technologies like **Core Java, J2EE, Spring, Spring MVC, Spring Boot, JDBC, Hibernate, XML, REST Web Services** and **Design Patterns.**
* Good programming skills in designing and implementation of multi-tier applications using web-based technologies like **Spring MVC** and **Hibernate**.
* Expertise in working with **Object Oriented Programming (OOP)** Concepts like **Polymorphism,**

**Inheritance, Abstraction, Encapsulation** and **Webservices SOAP** (Simple Object Access Protocol), Microservices Restful/REST (Representational state transfer), Web services components i.e., **WSDL** (Web Services Description Language).

* Hands on experience with **HTML5**, **CSS3**, **JavaScript** and **XML**. Proficient in using application servers like **JBoss** and **Tomcat** Servers.
* Good experience in IDEs like **Eclipse** and **NetBeans**.
* Good experience in **deploying** and **troubleshooting** the applications.
* Strong Experience in database design using **PL/SQL** to write Stored Procedures, Functions, Triggers and strong experience in writing complex queries, using **Oracle**, **SQL Server 2014/2016, PostgreSQL** and **MySQL.**
* Worked with version/source management tools like **GIT, GITHUB, GERRIT & SVN.**
* Involved in designed fully distributed system with the use of **Restful API** and **Micro Services**.
* Have good work experience on Struts, Spring Framework (Core, MVC, AOP, JDBC, Spring Data JPA), Spring Boot and Java Microservices.
* Proficient understanding of code versioning tools, such as **GitHub**, **SVN**.
* Hands on experience with build and deployment tools including **Ant**, **Maven**, **Gradle**. Logging and Debugging using **Log4j**, **Log back**, **JBuilder**. Unit and Integration testing using **JUnit**, **TestNG.**
* Experience in developing **UML** diagrams like use cases, class diagrams and sequence diagrams using **Rational Rose** and **MS Visio** tool.
* Good experience in working under tight deadlines. Proficient at solving complex problems under strict deadlines, communication and interpersonal skills.

## **Technical Skills:**

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| **Methodology** | SDLC, Agile and Waterfall |
| **Frameworks** | JSF, Hibernate and Spring MVC/Boot |
| **IDEs** | Eclipse, Net Bean and IntelliJ |
| **Languages** | Core Java, PL/SQL |
| **AWS Cloud Technologies** | EC2, Elastic Beanstalk, IAM, Cloud Watch, Cloud Formation, S3, VPC, Lambda, Dockers, Redshift, DynamoDB, SNS, SQS, SES |
| **J2EE Technologies** | Servlets, JSP, JSTL, Java Beans, REST API and JDBC |
| **Web Technologies** | HTML, CSS, JavaScript, Bootstrap, jQuery, Ajax, Jason |
| **Application Server** | Apache Tomcat, Web Sphere |
| **Databases** | Oracle, MySQL, SQL Server |
| **Build Tools** | ANT, Maven |
| **Version Control Tools** | Git and SVN |
| **Designing tools** | UML, MS Visio, Rational Rose |
| **Operating Systems** | Windows and Linux |

## **WORK EXPERIENCE**

## **Client: Via Christi Health, Wichita, KS Aug 2022 – Current**

## **Role: Java/J2EE Developer**

## **Responsibilities:**

* Analysis and understanding of business requirements and implement the process using **agile Methodology**.
* Actively involved in using **Core java** concepts - **Collections**, **Exception Handling**, **Multi**-**Threading**, **Serialization.**
* Automation of various administrative tasks using AWS Lambda services.
* Moving the **Microservices** as cloud bases in **AWS EC2** server & deployed using **Elastic bean stalk/Code commit** services of AWS.
* **Migrating the application** to Cloud environment using the **Amazon web services** - EC2, S3 and various services of AWS.
* Experience on practical implementation of cloud-specific AWS technologies including **IAM, MFA, Elastic Compute Cloud (EC2), Simple Storage Services (S3), Route 53, Cloud Formation, Virtual Private Cloud (VPC), RDS and Cloud Watch.**
* Used and implemented **Spring MVC** to decouple the object classes dependency, to keep the **MVC** configuration simple.
* Developed different dynamic UI Screens using **HTML**, **JSP**, **JavaScript** and **jQuery plugins** like jQuery UI, jQuery Data tables.
* Created batch framework by using **Spring Boot** on server side.
* Used groovy and **spring boot** to collecting the data from users and packaged the data as Json distributed to number of applications.
* Design and Coding of various **JAVA, J2EE** modules like **Spring Boot, Spring MVC, Spring Rest, Hibernate, JPA, Couchbase.**
* Developed web applications using **Spring MVC Architecture.**
* Integrated **spring** and **hibernate** to develop the business layer which serves the data required for JSF beans.
* Developed **Restful** Web API which produces and consumes **JSON** response as part of integrating the module with the Lock Manager.
* Developed **PL/SQL** queries with **JDBC API** to create, retrieve and update data.
* Wrote Stored **Procedures/Triggers/Functions** using **SQL Navigator** to perform operations on **Oracle11g** database. Worked on **version control system** tools like **SVN**.
* Involved in **Unit Testing** and **Bug-Fixing** and achieved the maximum code coverage using **JUNIT** test cases.
* Scaled microservices, distributed systems and serverless applications using Simple Queue Service (SQS).
* Used **Maven** build tool for building and managing dependency of the application.
* Involved in preparing design documents based on requirement by using **MS Visio**.
* Designed and developed **microservices** with Spring Boot 2.0 and Spring REST.

**Client: Qualcomm, Remote Apr 2018 -Jul 2021**

**Role: Java/J2EE Developer**

**Responsibilities:**

* Involved in Developer Sessions, gathering requirements and developing web application using **waterfall methodology.**
* Involved in Core Java coding such as Collections, Exception Handling, Generics, Enumeration and **Java I/O** to fulfill the implementation of business logic.
* Working Experience with **JSP and Servlets** to accommodate all presentation customizations on the front end. Good experience in **NetBeans** to creating a desktop application developing.
* Worked on development of **Hibernate**, including mapping files, configuration file and classes to interact with the database.
* Involved in designed and development of web interface using **Servlets and JDBC** for administering and managing users and clients.
* Wrote builds and deployment scripts using **ANT** and was also responsible in maintaining them.
* Designed **JDBC Connection** for data retrieval and updating purpose, also developed connection pool to avoid waiting time for **database connection.**
* Worked on **MySQL** like interacting with **Database**, writing Stored Procedures and debug and fix the issues as well.
* Used **GitHub** for Versioning and concurrent access to the project files.
* Regular code review and updating the modules with timely manner.
* Created **Class Diagrams, Sequence Diagrams** using Rational Rose, prepared application design document

**EDUCATION:**

**Masters in Computer Science from University of Central Missouri**