**Vinesh Kumar**

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**PROFESSIONAL SUMMARY:**

* 6+ years of experience with proven expertise in system development and analytics activities emphasis on Object Oriented, Java, J2EE, C# .NET, SQL, JQuery, JavaScript, AWS, REST, Client Server technologies, Tableau, R.
* Worked on requirement analysis, web development, feature implementation, product customization, enhancements, analyses of lots of client data, unit testing, fixes, managed services, client interaction, user training, consulting, product support and documentation.
  + Experienced in transforming business needs into technology solutions
  + Worked in Agile (Scrum) team with Project Managers, Product Owner, TechLead, Business Analysts, System Analysts and Testers
* Experience in developing Web Applications with various Open Source frameworks: Jakarta Struts Framework 2.0/1.x, Java Server Faces1.2, Spring Framework 1.x/2.x, Spring MVC, Spring Web Flow, Hibernate 2.0/3.0 ORM.
* Experience in designing front end with in object-oriented JavaScript framework like Angular.JS, Backbone.JS, node JS, express.
* Strong experience in developing Microservices using Docker, Mesos, GO Lang and Python.
* Understanding of various J2EE technologies including JSP, Servlets, RMI, EJB (Entity Beans, Session Beans, Message Driven Beans).
* Expertise in Core Java (J2SE) Development including JDBC, Exceptions, Collections Framework, Networking, Threads, IO, Java Beans and RMI.
* Sound knowledge in Spring, Hibernate, RDBMS, Web, XML, Ant/Maven, HTML, Python, Shell Scripting.
  + Experience in hosting websites on Amazon Cloud or Client's VPN
* Experience in developing cloud based RESTful Web Services (SaaS) and Microservices and deploying them on Cloud Foundry, AWS EC2 (Elastic Compute Cloud), Relational Database Services, VPC (Virtual Private Cloud).
  + Experience with SOA Web Services using JAX-WS, JAX-RS, WSDL and SOAP messages
  + Experience working in a UNIX/Linux environment and utilizing virtual machines.
  + Expertise in using Relational Databases using SQLite, MySQL, MSSQL and Oracle databases with Python.
* Proficient with J2EE Design Patterns like Singleton, Factory, Front-Controller, Session Façade, Service-Locator, Data Access Object (DAO), Data Transfer Object (DTO), MVC (Struts), Business-Delegate.
* Good experience in Shell Scripting, SQL Server, Unix and Linux, Open stock and Expertise python scripting with focus on Devops tools, CI/CD and AWS Cloud Architecture.
  + Working Knowledge of Web Development Technologies like ASP.net, HTML/HTML5, CSS/CSS3, XML.
* Working experience of building, deploying, hosting high transactional Java application services on servers like Tomcat Apache, JBoss, GlassFish.
  + Knowledge of applying JMS for reliable information exchange across Java applications
  + Experience in database programming using Oracle, SQL, MySQL, MongoDB, Hive
* Participated in user meetings, gathered Business requirements and specifications for the data warehouse design, translated the user inputs into ETL design docs.

**TECHNICAL SKILLS:**

**Technologies :** C/C++, C#, VB, Java, J2EE, .Net, R, Python, Angular JS, JDBC, EJBs, JSPs, Servlets,

JSTL, Custom Tags, JNDI, Servlets, TDD, Node JS, Maven, Jenkins, GIT, SOAP,

Restful

**Frameworks :** Angular JS, Spring, Hibernate ORM, Struts, JUnit, TestNG, log4j,

**Database Tech :** RDBMS, Oracle 11g/ 12c, PL/SQL, MySQL, PL/SQL, T-Sql, My SQL Server,

MongoDB

**Languages :** HTML, JavaScript, AJAX, CSS, PHP, DHTML, XHTML, JSON, JQuery, Backbone.JS,

Angular JS, Node JS, Express JS

**Tools :** Eclipse, JIRA, UML, HP-QTP, ACTIVE DIR, Selenium - Web Driver, Shell Scripting,

Intelli J, Servers Weblogic, Tomcat

**Protocol :** HTTPS, SSL, OpenSSL, LDAP, SMTP, POP3, FTP, UDP

**Networking :** TCP/IP, ISO & OSI model, IPv4, IPv6, WebSocket, Operating Systems, Distributed

Systems

**PROFESSIONAL EXPERIENCE**

**Benesys, Troy, MI June 2018 – Till Date Full Stack Developer**

**Roles & Responsibilities:**

* Developed the J2EE application based on the Service Oriented Architecture (SOA).
* Extensive use of core Java Collections, Generics, Exception Handling, and Design Patterns for functionality.
* Involved in writing Thread Safe blocks for multithread access to make valid transactions.
* Client-side code were written in AJAX and Server-side Code were developed using MVC4.
* Developed Web Services SOAP/HTTP, SOAP/JMS, and SMTP using SOA technologies such as SOAP, WSDL and UDDI Experience with and solid understanding of Micro services.
* Worked on System security with the use of SSL (Secure socket layer), encryption and used role-based security.
* Used Spring IOC for dependency injection and Spring AOP for cross cutting concerns like logging, security, and transaction management.
* Used Encryption algorithms to provide security to the data.
* Expertise in developing reusable and interoperable Web service modules based on microservices, SOA architecture using SOAP and RESTful.
* Wrote SQL queries, stored procedures and enhanced performance by running explain plans.
* Worked in all the modules of the application which involved front-end presentation logic developed using Tiles with Spring MVC, JSP, JSTL and JavaScript, Business objects developed using POJOs and data access layer using Hibernate framework.
* Developed and tested Apache JMeter Java Request Sampler Plugins Extensions using methods inside of Linux Desktop Testing Project (LDTP) Java libraries for Graphical User Interface (GUI) Automation Testing.
* Developed Angular JS Controllers, html views, Services and factories for consuming REST API's and Math calculations modulus.
* Used complete annotation driven approach to develop the application using Spring Boot.
* Worked on TDD (Test-driven development) that requires specific test cases and improving the Software by passing new tests.
* Designed and developed Application based on Spring MVC Framework using MVC design pattern.
* Designed and Implemented SOA Architecture, Multithreading, using Spring MVC Framework, Spring Batch Coding involves Writing Controller Rest Controller, Service Layer and DAO Classes.
* Achieved synchronization of multiple threads through Multithreading and Exception Handling.
* Developed micro services using Spring MVC, Spring Boot, Spring Cloud, Spring AOP and Dependency Injection and JPA.
* Responsible for the implementation of application system with Core Java and spring framework.
* Created and injected spring services, spring controllers and DAOs to achieve dependency injection and to wire objects of business classes. Designed and Implemented REST web services using JAX-RS, Spring REST.
* Created Mongo DB/NoSQL collections. Developed Server-side automation using NodeJS scripting and connecting different types of SQL and NoSQL stores.
* Worked on Spring Quartz, form-based authentication with Cross-Site Request Forgery CSRF token and secured REST endpoints with HTTP Basic authentication.
* Used AWS as a Cloud-based infrastructure to
* Implemented and maintained the monitoring and alerting of production and corporate servers/storage using AWS Cloud Watch.
* Developed unit test cases using Jasmine and Karma and performed end to end testing using Protractor and Selenium.
* Involved in writing Stored Procedures in Oracle and PL/SQL for back end which were used to update business logic over a set of scheduled timers.
* Configured QA environment using AWS EC2, RDS, Route53 services.
* Used complete annotation driven approach to develop the application using Spring Boot and was also involved in setting up the Spring bean profiling.
* Used Hibernate Transaction Management, Hibernate Batch Transactions, and Hibernate cache concepts.
* Used AJAX extensively to implement front end /user interface features in the application.
* Build REST web service by building Node.JS Server in the back-end to handle requests sent from the front-end jQuery Ajax calls.
* Developed Angular.js as framework to create a Single Page Application (SPA) which can bind data to specific views and synchronize data with server and used Karma-Jasmine unit testing.
* Database development required creation of new tables, PL/SQL stored procedures, functions, views, indexes and constraints, triggers and required SQL tuning to reduce the response time in the application.
* Focused on Test Driven Development (TDD) thereby creating detailed JUnit tests for every single piece of functionality before actually writing the functionality.
* Developed front-end systems with JavaScript, Angular, Node.js, Bootstrap, Backbone, HTML5, CSS3.
* Deployed application in WebSphere Application Server and developed using RAD.
* Developed and writing unit tests on both client and JS server side using Jasmine, Mocha and Chai frameworks.
* Coordinated with QA team for development of test plan, test cases, test code and responsible for defects allocation and resolution of those defects using Selenium.
* Implemented code according to coding standards and Created Angular.JS Controller Which Isolate scopes perform operations. Extensively used Core Java such as Exceptions, and Collections.
* Implemented Unit testing using JUnit.
* Used GIT and SVN for source control and Jenkins for continuous integrations.
* Used Apache Maven for project management and building the app.

**Environment:** JDK 1.8, J2EE, HTML5, JSON, XHTML, JS, AJAX, jQuery, jQuery, AWS, CSS3, JSP, Angular.JS 5, JavaScript, Node.JS, Microservices, Bootstrap, XML, XSLT, XPATH, MULE ESB, AWS, WebSphere, Unix, SOAP, REST, Spring Boot JMS, Eclipse, Jenkins, JUnit, MongoDB, Mockito, karma, Jasmine PCF, TDD, Spring MVC, JIRA, Spring framework DI, AOP, Batch, Hibernate, Cassandra, Docker, Maven, Coherence, Rally, Apache Camel, Selenium.

**Department of Aging and Disability Services (DADS), Austin, Texas Jan 2016 – June 2018**

**Java/Python Developer**

**Responsibilities:**

* Involved in designing and developing the application using JSP, HTML, CSS and made client validations using JavaScript.
  + Developed Python Mapper and Reducer scripts and implemented them using Hadoop streaming.
  + Developed controller and business logic using Spring MVC module.
  + Designed and developed persistence layer components using Spring Hibernate to store and fetch data from database.
  + Developed views and templates with Python and Django's view controller and templating language to create a user-friendly website interface.
  + Designed and managed API system deployment using fast http server and Amazon AWS architecture.
  + Wrote Python scripts to parse XML documents and load the data in database.
  + Built main applications in Python, Django leveraging technologies such as Tasty pie, Angular.js, Backbone.js and Ember.js.
  + Designed and developed application front-end GUI using JSP, HTML, JavaScript, CSS, Ajax.
  + Involved in creating Servlets and Java Server Pages (JSP), which route submittals to the appropriate Enterprise Java Bean (EJB) components and render retrieved information using Session Facade.
  + Developed web-based applications using Python, CSS and HTML.
  + Developed forms using HTML and performing client side validations using Java Script, JQuery, and Bootstrap.
  + Extensively developed stored procedures, triggers, functions and packages in oracle SQL, PL/SQL.
  + Configured AWS Identity and Access Management (IAM) Groups and Users for improved login authentication.
  + Conduct systems design, feasibility and cost studies and recommend cost-effective cloud solutions such as Amazon Web Services (AWS).
  + Designed new services using various J2EE design patterns like Business Delegate, Session Façade, DAO and Value Object.
  + Developed java program that uses JAXP, XML/XSLT and Java Mail API to send data to mainframe application via an email.
  + Implemented SOAP using Web Services to interact with various devices to pull real-time data on the network.
  + Utilized Python in the handling of all hits on Django, Redis, and other applications.
  + Used Go Lang to create backend servers. Developed Micro services using Go language and developed corresponding test cases
  + Contributed source code in Golang to developing an automation framework for AWS CFN.
  + Created PDF reports using Golang and XML documents to send it to all customers at the end of
  + Developed view layer using JSP and JSTL and UI technologies like HTML, CSS and JavaScript.
  + Extensively used JQuery, Ajax & JavaScript as part of Scout GUI tool.
  + Loading, analyzing and extracting data to and from Oracle database with Python
  + Writing Ant targets and Maven dependencies configuration to compile and package the application and implemented Log4j for the project.
  + Wrote application presentation layer based on MVC framework, using Servlets, JSPs and Java Beans.
  + Implemented J2EE design patterns such as Session Facade, Factory, DAO and DTO and handled Java multi-threading part in back-end component.
  + Used standard Python modules e.g. csv, robotparser, itertools, pickle, jinja2, lxml for development.
  + Designed and developed the UI of the website using HTML, AJAX, CSS and JavaScript
  + Cleansing data generated from weblogs with automated scripts in Python
  + Parsing various format of files like XML, JSON format files and load into Oracle database with Python XML.
  + Using MongoDB - NoSQL database for storing the information.
  + Developed Golang API and chat-bot using TDD to automate software deployments and rollbacks.
  + Developed Persistence layer using Hibernate and implemented DAO to handle the data base interaction.
  + Used SVN repository for software configuration management and version control.

**Environment:** Java 7/J2EE, Python, GoLang, JSP, Spring Framework, Hibernate ORM, SOAP based Web Services, Restful, JASON, XML, and Eclipse J2EE IDE, JBOSS Application Server 7, Tomcat, ANT, Django, JIRA, Agile, AJAX, Javascript, MongoDB, Hadoop.

**Bonafide Management INC, Austin, Texas Jan 2014 - Dec 2015**

**Department of Aging and Disability Services (DADS)**

**Java /J2EE Developer**

**Responsibilities:**

* Used different Design patterns, like MVC, Façade, Controller Servlets, Business Delegate, Service Locator, Singletons, Value Objects while implementing the framework and Factory.
  + Implemented GUI screens for viewing using Servlets, JSP, Tag Libraries, JSTL, JavaBeans, HTML, JavaScript and Struts framework using MVC design pattern.
  + Designed standalone application using Scene Builder, JavaFX, and CSS.
  + Wrote Hibernate configuration file, Hibernate mapping files and defined persistence classes to persist the data into Oracle Database.
  + Configured Hibernate session factory to integrate Hibernate with spring.
  + Employed Spring JDBC to implement batch jobs to pull organization structure related data.
  + Developed front-end content using FTL, HTML, CSS and client-side validations using JavaScript
  + JQuery library has been used for creation of powerful dynamic Web Pages and web applications by using its advanced and cross browser functionality
  + Used Web services (SOAP) for transmission of large blocks of XML data over HTTP.
  + Developed, and debugged the servlets and EJB with WebSphere Application server.
  + Developed Web Services for data transfer using SOAP and WSDL
  + Used Spring MVC framework to eliminate complexity and to achieve faster and better result
  + Used Hibernate for the database framework
  + Written various PL/SQL queries for transactional data and created JDBC connections.
  + Used Ajax for form validation in JSPs.
  + Used Struts validation framework for performing front end validations.
  + Developed the project using Agile/Scrum methodologies.
  + Used Ant build tool for building and deploying the application.
  + Used Log4J utility to log error, info and debug messages.
  + Used spring annotations to create controller as well as service layer classes.

**Environment:** J2EE, JSP, HTML, XML, JQuery, JSON, Servlets, Spring, REST API, JAXB, JAX-RS, Oracle, Hibernate, Selenium, JPA, Testing, JUnit, JIRA, SCRUM, GIT, Maven, Tomcat, Eclipse, UNIX, MS Word, Excel, PowerPoint.

**Syntel, Pune, India May 2012 - Dec 2013**

**Java Developer**

**Responsibilities**:

* Used Spring MVC-Easy REST-Based JSON Service for development.
  + Developed server side components using Spring MVC framework.
  + Developed user interfaces using Java Server Pages using HTML, DHTML, XHTML, AJAX, CSS & JavaScript.
  + Configured Spring JDBC for database management.
  + Responsible in testing the classes and methods using JUnit test case.
  + Developed Graphical User Interfaces using HTML, XML/XSLT and JSP's for user interaction and CSS for styling.
  + Development of SOAP (JAX-WS) web service applications using contract last approach.
  + Extensively developed stored procedures, triggers, functions and packages in oracle SQL, PL/SQL.
  + Developed JavaBeans for the Forms and Action classes for Struts framework.
  + Used Eclipse as an IDE for developing the applications.
  + Development of SOAP based web services using Apache, Spring and Hibernate
  + Design, development and integration of REST based WebServices into AutoQuote application.
  + Used J2EE design patterns namely Factory, MVC, Facade, DAO, and Singletonetc
  + Used JDBC to retrieve data from Oracle database.
  + Developed build scripts using Ant.
  + Build components scheduling and configuration using Maven2

**Environment:** OOAD, Java 1.6 , J2EE, HTML, XHTML, CSS, JavaScript, AJAX, JQuery, Spring 3.0, Maven2, JPA, JAX-WS, SOAP UI, SVN, JBOSS, Spring MVC, JUnit 4.