**Varun Kumar**

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**Professional Summary:**

* Over **7+ years** of software development experience in object oriented programming, design and development of Multi-Tier distributed, Enterprise applications using **Java** and **J2EE** technologies.
* Having exposure to and involvement in different phases of the software Development Life Cycle (**SDLC**), testing, deployment, installation and user training of software and database design.
* Extensive experience in designing and developing software applications with the **JDK** […] **J2EE**, EJB, Annotations, Java, JSP, Servlets, **Java Beans, AJAX, JMS, JDBC, JAXP, XML, JavaScript**, **jQuery**, **CSS**, **Web** **Services**, **SOAP**.
* Expertise in developing **Master Pages**, **CSS** to separate content of document from its presentation, **JavaScript** to perform Client-side validation and **AJAX** to develop interactive web applications.
* Extensively used **Java Collections**, Generics, Exception Handling and Lambda expressions.
* Experience in client-side web development and validations using **HTML, HTML5, DHTML, CSS**, **Java Script,AJAX**.
* Hands on experience in **JAAS, JAVA SAP** Integration, **SSO**, Site Minder.
* Experience in Client-Side **debugging** tools such as **Firebug**, **Fiddler** and **SOAP UI**
* Strong knowledge of object oriented concepts and experience working with languages like **C#**, **C++** and **Java**.
* Sound background in Planning, Installation and Administration of **IBM WebSphere MQ, WebSphere MQ FTE and IBM WebSphere Message Broker**.
* Having good understanding of various **J2EE** Design patterns like Singleton, Front Controller, Business Delegate, Service Locator, **DAO, VO** etc. Proficient in using **GOF** **JAVA design patterns.**
* Design and GUI development in Windows Presentation Foundation(**WPF**) and Windows Forms
* Proficient in building Web Applications using **HTML5**, **XML**, **AJAX**, **JavaScript** **(jQuery**, **AngularJS**), **Bootstrap** and **CSS** in a Client/Web Server environment.
* Expertise in using **Java/J2EE** design patterns including Intercepting Filter, **MVC**, Singleton, Data Access Object, Data Transfer Object, Service Locator, client-server and N-tier architectures.
* Developing and supporting **UNIX/Linux Korn shell scripting**.
* Experience in converting **COBOL modules into Java platform**.
* Used **MAVEN** as build-tool for building **J2EE** applications.
* Using Jenkins and **GIT** for building and deploying the projects and worked on **Stash** **GIT** repository software.
* Strong knowledge of Design including **J2EE** Design Patterns Singleton, **MVC**, **DAO**, Business Delegate, Front Controller.
* Experience with Linux Bash Shell Scripting, WinSCP, Putty and **Stash**.
* Used **JIRA**, **Stash**, Confluence, Splunk, Git, Source tree to provide tier 1 support for developer and operations staff.
* Proficiency in working with all databases like **Oracle, MySQL, SQL, No-SQL, DB2, MongoDB, Cassandra**.
* Designed and Developed reports using **SSRS**. Reports were developed against a variety of data sources which included **SSRS**.
* Created **LINQ** enabled database layer using **API** such as **LINQ** to SQL and **Entity Framework**.
* Advanced skills **in Unix/Linux shell programming**.
* Proficient in **RDBMS** concepts and worked with **MySQL, Oracle 11g and DB2**.
* Good Knowledge in building and deploying applications using Git, Grunt, Ant, Maven and **Bamboo** scripts.
* Used Maven for generating system builds and **Bamboo** for continuous integration (CI).
* A Good team player with excellent communication and inter-personal skills with a positive attitude towards work, loyalty towards time schedules for worthful delivery.

**Technical Expertise:**

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| **Languages** | Java (Threads, Collections, Garbage Collection, memory, algorithm) and APIs, J2EE, C, Python, Scala, JavaScript, SQL. |
| **Enterprise Java** | JSP, JSTL, Servlets, JPA, JTA, EJB, JSF, REST and SOAP-Web Service, Jackson, JAX-B, JAX-RPC, JAX-WS, JAX-RS, Jersey, Apache AXIS, Apache CXF, Jersey, JMS. |
| **Cloud Computing services** | Amazon AWS |
| **Frameworks/Libraries** | Spring Framework, Spring IOC, Spring AOP, Spring MVC, Spring Boot, Spring DAO (Spring JDBC, Spring ORM), Hibernate, Struts, iBATIS, Apache Camel, Maven, Ant, Jenkins. |
| **Web Technologies** | HTML, CSS, JavaScript, AJAX, jQuery, JSON, XML, XSD, XSLT, Bootstrap, Angular JS. |
| **Tools** | JUnit, Log4J, Mockito, Maven, Firebug, JIRA, Selenium. |
| **Application Server** | Apache Tomcat, WebLogic, WebSphere (WAS), WAMP, JBoss |
| **Databases** | MySQL, Oracle, SQL Server, PostgreSQL. |
| **IDE** | Eclipse, IBM RAD, STS, IntelliJ, Jcreator, NetBeans. |
| **Version Control** | SVN, Git, CVS. |
| **Design Patterns** | MVC, Singleton, Factory. |
| **Methodologies** | Agile, Scrum, RUP, TDD, OOAD, SDLC |

**Professional Experience:**

**Client: Vantiv, Cincinnati, OH March '2017 – Apr 2018**

**Title: Java /J2EE Developer**

**Responsibilities:**

* Involved in initial requirement gathering. Played an active role in analyzing, documenting and designing the application.
* Played an active role in creating business document, functional document, Technical document.
* Developed **J2EE** web application using the **Java 7**, multi-threading, Spring **MVC** 4.1.0, Oracle JDBC and implemented caching in the application using IBM dyna cache.
* Designed and developed insurance application front end and back end business functionality, used Spring, **J2EE** Design Patterns such as **MVC** and JSP/Servlets to develop the application.
* Designed, developed and maintained data layer using Hibernate and performed configuration of Spring Application Framework.
* Designed Hibernate configuration file in **ORM** model which automate the mapping between the **SQL** databases and objects in **java**.
* Utilized **HTML, CSS, JavaScript**, and **AJAX** for client - side developments and validations.
* Involved in CICD process using GIT, Jenkins job creation, Maven build Create Docker image and deployment in AWS environment.
* Developed user interfaces using JSP, JSP Tag libraries **JSTL,** **HTML 5**, **CSS3** to simplify the complexities of the application.
* Involved in developing conversion of Mainframe application to Web application.
* Added dynamic functionality to the application by implementing **jQuery** and **Angular JS**.
* Worked with **JSF** framework in developing user interfaces user interfaces using JSF UI Components, Validators.
* Used **Jira** Atlassian tools like **Bamboo** for Continuous Integration and deployment**, Bit Bucket** and Confluence.
* Expertise in developing web services using **Stash**, **SOAP**, **WSDL**, **RESTful**, **JAX-WS, JAX-RS, JAX**-**RPC**.
* Used **Stash** for mandatory code reviews (through pull requests) to improve code quality and promote cross functional learning.
* Implemented custom **Stash** Plugin (Java) for integration with **GIT** for associating commits with user tasks.
* Used **Stash** for source code management (SCM).
* Build servers using **AWS,** importing volumes, launching EC2, RDS, creating security groups, auto-scaling, load balancers (ELBs) in the defined virtual private connection.
* Used **SOAP** based **Web Services** from scratch to develop interfaces to integrate between front end systems and back end systems.
* Experience on Hudson/Jenkins and **Bamboo** for continuous integration and for the end to end Automation for all the build and deployments.
* Used Web services for creating rate summary and used **WSDL** and **SOAP** messages for getting insurance plans from different module and used XML parsers for data retrieval.
* Developed **Java** applications to create, update and delete data stored in relational databases using JDBC programming interface.
* Used **JMS** (Java Message Service) to send, receive and read messages in the application. Used different messaging models like Publish-Subscribe, Point-to-Point messaging along with **EJBs**.
* Worked on **MQ-Series** with **Java**, **JMS** on the WebSphere server side.
* Worked on Cassandra clusters in the Amazon Web Services(AWS) Cloud and migrated data between environments.
* Experience with Streaming platforms like Apache Kafka.
* Designed various tables required for the project in Oracle 11g database and used the stored procedures in the application and Wrote Stored Procedures, Triggers and Functions on SQL Server as well as **PL/SQL** on Oracle to support both databases for the application.
* Involved in the development of Standard XML reports and **XSLT** style sheets and Developed XML parser to convert java objects to **XML** and XML to java objects.
* Developed client/server and N-tier web applications using **Java**, **J2EE**, Apache Struts framework and Spring (MVC) framework.
* Involved in performance tuning of **T-SQL queries** and **Stored Procedures**.
* Write **T-SQL** statements for retrieval of data and Involved in performance tuning of T-SQL queries and Stored Procedures.
* Use the **SQL** Analyzer, and Profiler for studying the **SQL** statements and procedures
* Involved in writing the **JUnit** test cases and integration testing of the system.
* Used SVN for source code maintenance and for version control.
* Written Maven Scripts to build generate WAR file and deploy the application.
* Implemented by using AGILE Methodology focusing on SCRUM.
* NoSQL database design and implementation with Cassandra and MongoDB.
* Maintained and debugged existing code **Jira, Stash/GIT**, and Used **SVN** for version control.
* Everyday tasks include **Agile, Rally, Jira, GitHub, Stash**.
* **J2EE** application development on Windows and **UNIX platforms** using **MVC** pattern

**Environment**: Java, J2EE, HTML, CSS, JavaScript, XML, JSP, Angular JS, Servlets, Spring, Struts, Jasper Report, Hibernate, Web services, SQL Server, BPM, Oracle, GWT, Stash, AWS, bamboo, cucumber, Microservices, Eclipse, GIT, Jenkins, Maven, Log4j, JUnit, WebLogic 10.X, IBM WebSphere v8.5, IBM RAD, JIRA, ClearCase Unix/Shell Scripting.

**Client: Deutsche Bank - Jersey City, NJ March '2016 - Feb ‘2017**

**Title: Java / J2ee Developer**

**Responsibilities:**

* Followed the standard for **Software Development Life** Cycle Processes (Selection of a Life Cycle Model, Project Initiation, Project Monitoring and Control, Requirements, Design, Implementation, Installation, Operation and Support.
* Participated in periodic technical reviews of various modules and developed schema to improve them.
* Used, participated in Agile Methodologies for design and development of the applications.
* Involved in Scrum meetings for effective development.
* Involved in complete Software Development Life Cycle (SDLC) with Object Oriented Approach of client's business process and continuous client feedback.
* Setup Drools Rule Engine on **JBOSS** server and manage configuration.
* Involved in writing **java API** for Amazon Lambda to manage some of the **AWS** services.
* Used Micro-services to ensure the scalability of application on cloud infrastructure.
* Developed application modules using Spring **MVC**, Spring Annotations, Spring Beans, Dependency Injection, with database interface using Hibernate.
* Used Spring **MVC** front controller pattern to handle requests starting with dispatcher servlet to handle incoming requests.
* Using **GIT/Stash** for version control system.
* Creating Unit Tests using Mockito and **JUnit** and leveraging **SOAP UI** for testing the web services. Using Maven 2.0 is as a build tool for building the application and **GIT/Stash** for version control system.
* Developed and implemented system programs by using **COBOL, DB2, CICS, JCL, JAVA and VSAM**.
* Implemented Spring Bean Factory to create proxied object using AOP Framework.
* Experience with **SAML** single sign on configuration.
* Work with the Atlassian tools such **Git/Stash, JIRA** and **Crucible** for store and share the application code, issue tracking and code reviews respectively.
* Involved in the design and development of Batch Jobs using Spring Batch Architecture
* Used Hibernate as an **ORM** mapping tool and worked with Hibernate Query Language (HQL).
* Worked on backend logic using Servlets, **EJB** , **Hibernate** , **Unix/Shell Scripting** and **JDBC**
* Defined the Hibernate Configuration File, Hibernate Mapping using annotation and created classes to persist the data.
* Developed Message Driven Beans (MDB) as Queue listeners for JMS queues.
* Development of Application based on **J2EE** using **JSP,** Servlets, **Spring Framework**, and Rest Web Services with **JMS**.
* Developed RESTful web services using **Java,** **Spring Boot**, **NoSQL** databases like **MongoDB**.
* Used **AJAX** to call the REST API methods and connect to the backend.
* Implemented **SOAP** messages for information exchange for Web services.
* Worked on **REST-SOAP** transformation for services calls.
* Produced and consumed the web services data in the form of **JSON, XML**.
* Created different **XML** documents using **XML, XSD** and **XSLT**. Used E4X and Light DOM parser, and SAX parser for transforming the XML data.
* Developed classes using core **java** (multithreading, concurrency, collections, memory management) and some spring **IOC.**
* Designed & developed the UI application using React JS, Rest, **Spring MVC**, **Spring Data JPA**, **Spring** Batch, **Spring** Integration & Hibernate.
* Designing, debugging, and optimizing **T-SQL** stored procedures, functions, views and dynamic queries for **SQL Server, OLAP Server**.
* Configured **bamboo** automating the builds into Gradle archive repository.
* Developed various screens for the front end using React JS and used various predefined components from **NPM** (Node Package Manager) and Redux library.
* Used React JS for templating for faster compilation and developing reusable components.
* Created dynamic forms for displaying the data in the React **DOM** according the information from backend.
* Used **J2EE SOA** based **JAX-WS** web services to develop reusable web service components.
* Configured Hibernate-**ORM** to map java objects such as clients and claims with database tables.
* Performed heavy hands-on coding in Java, SQL Stored procedures, COBOL, JCL, and utilized iText java library to convert reports in text format to PDF format.
* Developed web interface for Users Modules using **JSP**, **HTML**, **XML**, **CSS, Java Script, AJAX**, and Action Servlets with Struts Framework, spring frame work.
* Used **GIT** for source control and Jenkins for continuous integrations
* Worked on **Jira** for User requirements and used **Jira** as bug tracking tools.
* Involved in unit testing, integration testing, **SOAP UI** testing, smoke testing, system testing and user acceptance testing of the application.
* Developed functions and store procedures using **SQL** for the Application.
* Wrote database queries using **SQL** and **PL/SQL** for accessing, manipulating and updating Oracle Database

**Environment**: Java 1.8, J2EE, HTML5, CSS3, Bootstrap, jQuery, AngularJS, NodeJS, Spring IOC, Spring AOP, Spring MVC, Spring Boot, Spring Security, Spring Data, RESTful Services, Jersey, Hibernate, Gradle, Unix/Shell Scripting, Micro Services, AWS (Amazon Web Services), Oracle, Docker, MongoDB, Mockito, Log4j, JIRA, GIT, Bamboo, Jenkins and Web Sphere Application Server.

**Client: Diamler Financial Services, Detroit, MI Oct '2014 - Feb ‘2016**

**Title: Full Stack Java Developer**

**Responsibilities:**

* Went through the total project development life cycle and have a clear understanding of various tiers as the project was a multi-tier application.
* Coordinated with various groups of the client to gather business and system requirements.
* Implemented the application using Spring **MVC** Framework, Spring Boot and handled the security using Spring Security.
* Experienced in Analysis, Design, Development, Integration, Deployment and Maintenance of Web services, Client Server and Web based applications using **J2EE/Java**, **JSP**, **Unix/Shell Scripting**, **JavaScript,** **Servlets** and **XSLT.**
* Created **RESTful** web services interface to **Java-based** runtime engine and accounts.
* Used **JAVA 1.8** features like Parallel Streams, Functional Interfaces, Filters, Predicates and Lambda Expressions.
* **ANT** and Maven being used as build tools. Developed various ANT Scripts for **bamboo** build tool.
* Implemented RESTful services with **JAX-RS** using Spring Boot and Micro Services Architecture.
* Consumed **SOAP** based Web Services.
* Worked on Unix scripts to FTP, encrypt/decrypt, and achieve files from mainframe to application servers.
* Developed the persistence layer using Hibernate Framework, created the **POJO** objects and mapped using Hibernate annotations.
* Deployed the application in WebSphere Application Server on IBM Bluemix Cloud Servers and monitored the application logs.
* Performed **J2EE** application deployment using **Bamboo** application server.
* Experienced working with database setup and maintenance on **AWS EC2**.
* Configured and managed public/private cloud infrastructures using Amazon Web Services (AWS) like **VPC, EC2, S3**, Cloud Front, **ELB** and Elastic Beanstalk.
* Create and configured the continuous delivery pipelines for deploying Micro Services and lambda functions using Jenkins CI server.
* Designed and developed functionality to get JSON document from **Mongo DB** document store and send it to client using **RESTful** web service.
* Designed and developed custom message adapter components that allowed message to travel between **Oracle ESB to IBM CICS Mainframe** through **IBM MQSeries XML Beans and JMS**.
* Used Hibernate in the persistence layer to persist data into both databases Oracle and **Mongo DB.**
* Used the **Java Collections** **API** extensively in the application as security protection for **XML**, **SOAP**, **REST** and **JSON** to make a secure Web Deployment**.**
* Created **UNIX** **shell scripting** for periodic generation of reports.
* Used **Eclipse** Luna as **IDE** to develop the application and followed the standard features for debugging and running.
* Used **JIRA** tool for Issue/bug tracking, monitoring of work assignment in the system.
* **Log4J** was used to monitor the error logs and used **GIT** as version control tool.
* Excellent in deploying the applications in **AWS** as **EC2** instances and create snapshots for the data that must be stored in **AWS S3.**
* Followed the Maven build life cycle to build the application and deployed into **WebSphere** application server.
* Created **Servlets** and **JUnit** test cases and tested the application.

**Environment**: JAVA/J2EE, Servlets, JSP, Web sphere Application Server 8.x, XML, HTML5, CSS3, XSD, XSLT, XPATH, JAXP, JAXB, WSDL, SOAP, Unix/Shell Scripting, JavaScript, Angular JS, Spring frame work-DI, AOP, MVC, Hibernate, REST, JAX-RS, CXF, IBM MQ Series, RAD 8.0.

**Client: National Payments Corporation of Mumbai, India Jan '2012 - Sep ‘2014**

**Title: Java Developer**

**Responsibilities:**

* Involved in Design and Code Construction with **OOPs** Implementation.
* Involved in Maintenance / Enhancements of the application which includes developing the new reports.
* Developed **JSP**, Tiles, Validator, Action classes and **EJBs** for various user transactions.
* Designed **Java Servlets** and Objects using **J2EE** standards.
* Implemented the project by using **MVC** framework.
* Used Struts Validator framework to validate user input.
* Used Struts **MVC** framework along with **JST** for developing **J2EE** based web application.
* Implemented Hibernate to map all the tables from different data sources to make database updating.
* Designed Implementation of **GUI** using **HTML**, **JSP** and **Java Script** for front-end validations.
* Implemented Singleton Design Pattern by sharing the single service locator object across different Business Delegates.
* Developed the **XML** Schema for the data maintenance and structures.
* Implemented EJB session beans, messaging technologies like Message Driven Bean, **JMS**.
* Involved in designing Database Connections using **JDBC**.
* Involved in design and Development of **UI** using **HTML**, JavaScript and **CSS**.
* Used **JSP** for presentation layer, entity beans as the model to represent the persistent data and interacted with Oracle database as per **MVC** Architecture.
* Used **JDBC** calls in the Enterprise  to access Oracle Database.
* Involved in Integration testing and defect fixes.
* Developed **Unit Test** Scenarios and tested Test Scenarios in Web methods using **N-Unit**.

**Environment:** Java, J2EE, Junit, JDK 1.5, Spring core, Spring MVC, Hibernate, SOAP/Rest Web services, Ajax, XML, jQuery, HTML, CSS, TC Server, SVN, Maven, Jenkins, Splunk, SFX, MAX, SEED. Oracle

**Client: Easylink, Chennai, India June 2010 - Dec '2011**

**Title: Java Developer**

**Responsibilities:**

* Involved in Design and Code Construction with **OOPs** Implementation.
* Involved in Maintenance / Enhancements of the application which includes developing the new reports.
* Developed **JSP**, Tiles, Validator, Action classes and **EJBs** for various user transactions.
* Designed **Java Servlets** and Objects using **J2EE** standards.
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* Developed **Unit Test** Scenarios and tested Test Scenarios in Web methods using **N-Unit**.

**Environment:** Java, J2EE, Junit, JDK 1.5, Spring core, Spring MVC, Hibernate, SOAP/Rest Web services, Ajax, XML, jQuery, HTML, CSS, TC Server, SVN, Maven, Jenkins, Splunk, SFX, MAX, SEED. Oracle