
VIKRANTH REDDY

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PROFESSIONAL SUMMARY

- 6+ years of broad involvement as a **Full Stack Developer** in **Designing, Developing, and Maintaining Web applications** with great information and working knowledge on **Multi-Tier Architectures** utilizing web-centric innovations in various domains.
- Proficient in conducting **requirement analysis**, employing design patterns, and applying **object-oriented programming principles** to achieve high-level design. Skilled in overseeing all phases of the **Software Development Life Cycle (SDLC)** with a hands-on approach.
- Strong experience in **Core Java** skills including **Multithreading, Collections**, and **Garbage Collection**.
- Experience using **Java/J2EE Design Patterns** like MVC, DAO, Singleton, Factory pattern, and service locator and Delegate.
- Strong hands-on experience with **Spring MVC Controllers, Spring Annotations, Spring Tag Library, Inversion of Control (IOC), DI (Dependency injection), Spring boot, Spring DAO, Spring ORM (Hibernate, JPA)**.
- Expertise in developing **MVC architecture** for web-based applications using the **Spring MVC framework, Servlets, JSP, JDBC and Web Services** including **DI/IOC, Security, REST, AOP, Cloud, Hibernate Template, and Integration**.
- Experience in using **Hibernate** for the Object Relational Mapping (ORM) to transfer and connect the database and used **Hibernate/JPA** for mapping **Java classes** with **database**.
- Good Knowledge on developing the UI pages from scratch using **Angular, React, HTML5, CSS3, JavaScript, Bootstrap, jQuery, and AJAX**.
- Extensive experience with **Front-end** JavaScript frameworks **Angular, React JS and Node JS**.
- Extensive experience in the development of Web services such as **SOAP** using **WSDL, JAXB, JAX-WS**, and **RESTful** using **JAX-RS, CXF, Rest easy, JERSY** implementation.
- Strong database development skills using **Database Servers** like **Oracle, MySQL, and SQL Server**.
- Experience in writing **SQL, PL/SQL** Procedures / Functions, Triggers and Packages on **Database (RDBMS)** packages like **Oracle 11g, MySQL and PostgreSQL**.
- Good understanding of **NoSQL Databases** and hands on work experience in writing application on NoSQL databases like **DynamoDB, Cassandra and MongoDB**.
- Good experience in working with **Web/Application servers** like **Apache Tomcat, IBM Web Sphere, Web Logic, and JBOSS**.
- Proficient in working with **UNIX operating systems**, specifically **LINUX**, with hands-on experience in system administration, **command-line operations**, and **shell scripting**.
- Having knowledge of integrating **AWS (Amazon Web Services)** with other Application Infrastructure and **Deploying scripts** to AWS.
- Knowledgeable in **Kafka** for real-time streaming and integrating **Apache Kafka** for **data processing**.
- Experience with **Docker** and **Kubernetes** for container-based deployments and **Jenkins** for **CI/CD**.
- Experience with **authentication** and **authorization** standards like **OAuth2** and **JWT**.
- Expertise in using version control tools like **GIT** and **SVN**.
- Expertise in creating build files using **ANT, MAVEN**, and **logging** using **Log4J**.
- Good Knowledge on using **JUnit** for **Unit Testing**.

- Involved in **Sprint** planning and **Scrums** and experienced in working with **AGILE** methodology.
- Excellent **written** and **oral communication** and interpersonal skills with a strong ability to collaborate with team.
- Expertise in the implementation of Core concepts of Java, J2EE Technologies: **JSP, Servlets, JSTL, JMS, Spring, Hibernate, EJB, Java Beans, JDBC, XML, Web Services, JNDI, Multithreading, Exception Handling and Spring boot.**

SKILLS

- **Languages:** Java 8/7/6, TypeScript, JavaScript, PL/SQL, SQL.
- **Java/J2EE Technologies:** Core Java, JMS, Java Beans, EJB, Tiles, Design Patterns, JSP, JMS, JDBC.
- **Frameworks:** Spring, Hibernate, Spring Boot.
- **Web Technologies:** PHP, HTML5, XML, DOM, JSON, CSS3, JavaScript, jQuery, AJAX, React.JS Angular.
- **IDE:** IntelliJ IDEA, Eclipse, MyEclipse, WSAD, RAD, NetBeans, Spring Tool
- **App servers:** IBM Web Sphere, Apache Tomcat, BEA Web Logic, JBoss.
- **Web Services/Cloud:** SOAP, REST, AWS, GCP, Azure.
- **Version Controls:** SVN, CVS, GitHub.
- **Logging Frameworks:** Log4j, Java Logging API, Logging, SLF4J, Logback.
- **Databases/Tools:** Oracle, SQL Server, My-SQL.
- **Methodologies:** Agile, Waterfall
- **Operating Systems:** Windows, Linux, UNIX.

WORK HISTORY

CAPITAL ONE, RICHMOND, VA

Full Stack Developer / Oct 2022 – Current

- Developed business components using **Java Objects, Core Java, Multithreading and Collections.**
- Extensive experience in **GUI development** using **ANGULAR, HTML, CSS, TYPESCRIPT, AJAX, JSP, JSP Tag libraries, Servlets, jQuery, XML, JSON.**
- Worked on **Angular** framework to augment browser-based applications with **MVC Capability**, built dynamically generated dropdown lists using **Ajax, jQuery.**
- Developed **Angular entity** models using TypeScript and **Angular Http Client** to interact with persistent data, incorporating **Angular ORM** for **seamless integration** with the **backend database.**
- Developed end-to-end application on **spring-boot framework (Rest Api Application/Spring JPA using Crud repository).**
- Wrote **spring configuration file** to define **beans, define data source and Hibernate properties.**
- Extensively used **Hibernate** in data access layer to access and updates in the database.
- Understanding **user change requirements** and **analyzing** the source systems and **Developed UI pages** using **JSP and Spring MVC framework.**
- **Validations** done using **Spring MVC validation** framework and **JavaScript.**
- Developing **backend services** in **Java and Maven.**
- Created **User defined exception classes** using **Java and building SOAP and RESTful APIs.**
- Involved in creating and consuming **RESTful web services** to expose to other applications.
- Developed **RESTful Web Services** to retrieve data from client side using **Micro Services architecture.**
- **Designed, developed, and implemented unit test case and product features.**
- **Developed JUnit** test cases for **Unit Testing** and functional testing for various modules.
- Prepared **Code Documentation** for future reference and upgrades.
- Migrated existing business applications to **Amazon cloud services (AWS)** based environment and deploy applications using **Amazon web services.**
- Used **Docker** to **containerize** the **Services and APIs** to run on **AWS EC2 instances.**
- Responsible for provisioning **Kubernetes** environment and **deploying the dockerized applications** by

developing manifests.

- Used **JIRA** for tracking the **activities, Tasks, and defects**.
- Performing the **Unit testing** and basic **functional testing** with different set of data.
- Participated in a **Scrum** team and **Agile** Practices including **Test-Driven Development (TDD)**, **Behavior-Driven Development (BDD)** and **pair programming**.
- Used **Maven build script** for building and deploying the application.
- Responsible for **building/deploying** consistently repeatable **build/deployments** to company non-production environments using **JENKINS**.
- Strong experience in implementing **Service-oriented architecture** and **Web Services** using **SOAP, RESTFUL API's**.
- Utilized **Hibernate** as an **Object-Relational Mapping (ORM)** tool to establish communication with an **Oracle database** and facilitate the storage of persistent data.
- Developed **Oracle PL/SQL** procedures and functions to efficiently process information, generate reports, and schedule jobs using Spring Scheduler. Additionally, leveraged **DB Links** to **interact** with **other databases** within the **distributed system**.
- Successfully addressed recurring data quality issues in **Oracle databases** by identifying them and **collaborating** with **team members** and **stakeholders** to devise effective solutions.
- Designed and implemented **PL/SQL** components, such as procedures, triggers, cursors, and functions, tailored for **Oracle 10g/11g** as well as **MySQL DB**.

Environment: Java SE, JDK 1.7 and 1.8, Hibernate 3.0, Spring, AWS, Groovy, Tiles, JSP, HTML, CSS, Angular, jQuery, XML, SQL, Oracle DB, MySQL, XSLT, Maven, Apache Tomcat 8, Eclipse 6.0, Windows, Jenkins, Spring boot, JUnit, Docker, Linux.

COSTCO, DALLAS, TX

Full Stack Developer | March 2022 - September 2022

- Used **Java 8** features like **lambda expressions** for communicating between **business layer** and **database stream API** for **Bulk Data Operations** on **Collections** using both **streams** and **parallel streams**.
- Used **Spring MVC** and **Dependency Injection** for handling presentation and business logic.
- Used **Spring Boot** which is radically faster in building **Micro services** and develop a **spring-based application** with very less configuration.
- Built **RESTful web service** by building **Spring Boot** in the **back end** to handle the **Ajax** calls.
- Used **Hibernate** as the **ORM tool** to communicate with the **database** and integrated with **Spring** using **Spring ORM**, to design **domain model classes**.
- Used **SOA Integration service** for **Data Integration Service** and **Functional Integration Service**.
- Designed and developed user interfaces using **front-end technologies** like **ReactJS, HTML5, CSS3, JavaScript, jQuery, and AJAX**.
- Utilized **ReactJS** libraries like **Redux Thunk** and **Redux Saga**, demonstrating my proficiency in **React 16, CSS, and Git**.
- Used **ReactJS** with **Redux** and **React Router** to create a **single-page** application with efficient **client-server data flow** and controllers for **event handling** and **requests**.
- Developed **cross browser** and **multi browser** compatible web pages using **ReactJS, HTML5, CSS3, Bootstrap** and **JavaScript**.
- Used **JavaScript** to update a portion of a web page thus reducing bandwidth usage and load time in web pages to get user input and requests and developed **dynamic frontends** using **ReactJS**.
- Developed code to consume other **JSON based RESTful web services** to pass data to **Rule Engine (ODM)** and used **Axios** to get resources from the database.
- Developed code to call the **web service/APIs** to fetch the data and populate on the UI using **jQuery/AJAX** and **AJAX**.

- Utilized **Java APIs** and **client libraries** such as the **Kafka Producer API**, **Kafka Consumer API**, and **Kafka Streams API** to integrate with **Kafka**.
- Configured **JMS Queue** and **Queue connection factory** on **Web Logic Application Server** also developed **JMS** for the **messaging functionality**.
- Implemented **caching** mechanisms using **Redis** for performance **optimization** and improved **scalability** of application.
- Ensured high availability and optimal performance of **Web logic applications** through administration and monitoring, including **log analysis**, **performance tuning**, and **troubleshooting**.
- Involved in setting up **AWS (Amazon Web Services)** services with **EC2 instances**, **S3 bucket**, **IAM** took part in deploying application in AWS along with writing and retrieving files to and from **AWS S3** bucket for UI to render data faster.
- Designed and implemented **CI/CD pipelines** using **Jenkins** and other **AWS services** to **automate** the **building**, **testing**, and **deployment** of **Docker images** and **Kubernetes** resources on **AWS**.
- Created **Docker images** for **microservices** and utilized **Elastic Kubernetes Service (EKS)** to deploy and manage the containers in a production environment.
- Worked with **Terraform modules** to reuse and share configurations and worked on strong problem-solving and **troubleshooting** to **debug** and resolve issues in **Terraform configurations**.
- Written **JUnit** test cases for **Business Objects**, and prepared **code documentation** for future reference and upgrades.
- Used cloud computing technologies **Amazon EC2** and **Amazon S3** web services for **Cloud Drive**, **Cloud Search**.
- Migrated corporate **Linux servers** from **physical servers** to **AWS virtual servers**.
- Used **Cassandra AWR** and **ADDM** to actively monitor database activities and perform **performance tuning** to optimize system efficiency.
- Extensive **Performance Tuning**, **Memory (SGA) Tuning**, **Configuration**, maintenance and tuning of **Cassandra DB**.
- Managed, structured, and audited data within the **NoSQL MongoDB database** to ensure **data integrity**, rectify anomalies, and enhance the overall **maintainability** of the database.
- Actively participated in **Agile (Scrum)** methodologies, including **Stand-up meetings**, **Estimation meetings**, and **Requirement review meetings**, to analyze project requirements.

Environment: Java, HTML, UML, XML, REACTJS, Servlets, JSP, EJB, JDBC, JNDI, JAXP, NoSQL, Cassandra DB, MongoDB, Eclipse, Tomcat, WebSphere, JUnit, Spring MVC, Spring Cloud, Spring boot, Hibernate, AWS, Kafka, Redis.

WELLS FARGO, BENGALURU, INDIA

Senior Software Engineer | August 2019 - December 2021

- Participated in **requirement gathering**, **analysis**, **design**, **development**, **documentation**, **user acceptance testing (UAT)**, and production phases of the application.
- Developed the application using the **Spring Core Framework**, leveraging the **Model-View-Controller (MVC)** architecture.
- Utilized **Spring's Dependency Injection (DI)/Inversion of Control (IOC)**, **Aspect-Oriented Programming (AOP)**, and **MVC** for obtaining **bean** references and managing application flow.
- Implemented the persistence layer using **Hibernate** and **integrated** it with **Spring**, allowing for **seamless interaction** with the **database**.
- Developed the web application in MVC Architecture using **Angular**, **Javascript**, **HTML5**, **CSS3**, **Bootstrap**, **jQuery**.
- Developed frontend of application using **Bootstrap** (Model View Controller), **Angular framework**.
- Utilized **JMS (Java Message Service)** for **asynchronous data** and **event exchange** among **J2EE components**.

- Developed **EJB (Enterprise JavaBeans)** components deployed on **WebSphere Application Server**.
- Implemented **Log4j** for **error logging, debugging, and tracking** using **loggers**.
- Implemented **unit test** cases following **Test-Driven Development (TDD)** principles and performed mock testing using **JUnit**.
- Integrated and utilized web services with the help of **WSDL, SOAP, and JAX-WS** to retrieve updates from third-party sources.
- Hands on experience in **Continuous Integration/Continuous delivery (CI/CD)** tool **Jenkins** for deploying applications to **AWS** and on-premises servers.
- Developing API for using **AWS Lambda** to **manage** the servers and run the code in the AWS creating **RESTful API** to enable access to the **database** and **data retrieval** from **SQL**.
- Responsible for using **AWS Console** and **CLI** for deploying and operating **AWS** services developing and creating of Web services using **RESTful** with **JSON** response type **JMS** as messaging service to asynchronously sending messages.
- Developed and optimized **database objects** such as **tables, stored procedures, functions, views, indexes, constraints, triggers, and performed SQL** tuning to enhance application response time.
- Successfully worked in a **deadline-driven environment** with **immediate** feature **release cycles**.

Environment: Java, Spring MVC Framework, Angular, HTML5, CSS3, Hibernate, JMS, EJB, J2EE, Log4j, Junit, WSDL SOAP, JAX-WS, SQL, GIT, SQL, MYSQL, AWS, TDD, AGILE, IntelliJ IDEA.

VALUE LABS, INDIA

SOFTWARE DEVELOPER / May 2017 - July 2019

- Involved in requirement gathering, analysis, design, development, documentation, UAT, and production phases of the application using **Node.js** and related technologies.
- Developed the application using **Express.js**, a popular web framework for **Node.js**, that follows the **Model-View-Controller (MVC)** architecture.
- Implemented **dependency injection (DI)** and **inversion of control (IoC)** using Node.js modules for loose coupling and improved maintainability of the code.
- Developed UI using **React** and **Redux** worked with **Lodash** libraries for **Ajax calls** and utility functions.
- Developed various screens for the **front end** using **React JS** and used various predefined components from NPM and **Redux library**.
- Used message brokers like **RabbitMQ** for **asynchronous** exchange of data and events among **Node.js** components.
- Developed **RESTful APIs** using **Express.js** for communication between **client-side** and server-side applications.
- Implemented logging using popular **Node.js** libraries like **Winston** for error tracking and debugging.
- Followed **test-driven development (TDD)** approach and wrote unit tests using frameworks like Mocha and Chai to ensure code quality and reliability.
- Implemented and consumed web services using **technologies** like **SOAP** and **RESTful** for data integration with third-party systems in **Node.js** applications.
- Implemented persistence layer using **Node.js** libraries such as **Mongoose** for **MongoDB** integration.
- Designed and implemented databases using **NoSQL databases** like **MongoDB** and **SQL databases** like **MySQL**, including creation of tables, stored procedures, functions, views, indexes, and constraints.
- Worked in a **deadline-driven** environment with frequent feature release cycles, ensuring timely delivery of application features and functionalities.

Environment: JavaScript, Express.js, Node.js, VS Code, Rabbit MQ, Chai, Mocha, Mongoose, MongoDB, SQL, MySQL.