**Sreekanth Reddy**

**Sr. Full Stack Java Developer**

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**PROfile summary:**

**Overall 11+ years of experience as a Java Full Stack Developer in the IT industry. Extensively experienced in Software Analysis, Design, Development, Implementation, and Testing of Object-Oriented Applications and web-based Enterprise Applications using Java 1.8/J2EE.**

* Strong proficiency in Java programming language and related frameworks such as **Spring Boot, Microservices, JPA, Spring MVC, Spring Security, Hibernate**, **iBATIS**, etc.
* Expertise in front-end technologies including **Angular JS,** **Angular v6/7/8/9/10 2, React, Bootstrap, Node.js, JavaScript, HTML, CSS**, and related libraries and frameworks.
* Strong hands-on experience in developing **Single Page Applications** (SPA) with Angular Framework.
* Experience in designing and implementing **Microservices** architecture, implementing **RESTful APIs**, and working with **GraphQL** for efficient data retrieval.
* Strong understanding of **SQL** and **NoSQL** databases such as **Oracle, PostgreSQL, MS SQL Server, MongoDB, Cassandra**, and experience in designing and implementing database systems.
* Experienced in **Means stack development** (**Mongo DB, Express.JS, Angular.JS** and **Node JS**).
* Proven track record of implementing **REST APIs,** integrating with **third-party APIs**, and implementing **JWT** and **OAuth** **authentication** for secure communication.
* Strong knowledge of Data pipeline and Streaming using **Kafka**, hands on experience of writing **Kafka producers, Connectors** and **Consumers**.
* Architecture works both **Monolith** and **Microservices** (Domain driven Design methodologies) architectures.
* Proficient in using containerization technologies such as **Docker** and orchestration tools like **Kubernetes** for scalable and efficient application deployment.
* Strong experience in designing **N-tier** architecture applications.
* Good Knowledge of **Spring MVC** and Spring integration with **Hibernate** and **Struts** technologies.
* Strong hands-on experience in using technologies such as **JAVA (Java8), J2EE, Web Services (REST** and **SOAP), Spring Framework** (Spring Boot, Spring Batch, Spring Data, Spring Cloud, Spring Security, Spring Actuator), **Hibernate, Servlets, Struts, JSF, JSP, JDBC, JMS.**
* Expertise in using **J2EE** design patterns including Front Controller, Data Access Object, Session Façade, Business Delegate, Service Locator, MVC, Data Transfer Object and GOF patterns - Factory, Abstract Factory, Singleton, Adapter, Observer, Composite etc.
* Extensive experience in design and implementation of **MVC** architecture using **STRUTS** 1.x/2.x, **SPRING** 3.x/4.x/5.x and **JSF** Frameworks.
* I am an expert in **Object-oriented design, Design patterns, data Structure, Algorithm,** **Multi-threading.**
* Experience in designing and implementing **cloud-based** solutions using **AWS, Azure**, or other cloud platforms.
* Good knowledge and Hands on with Azure services like **Azure App Service**, **Azure Functions**, **Azure Storage, Azure SQL Database, Azure Cosmos DB, Azure Kubernetes Service, Azure DevOps, Azure SendGrid etc.**
* Proficient in building tools such as **Maven** and **Gradle** for building and managing Java applications.
* Experience in implementing **logging** and **monitoring** using **Splunk** and other **logging** frameworks for application performance tracking and troubleshooting.
* Strong experience in database design using **SQL**, **PL/SQL**-**Stored** Procedures, Functions, Triggers, Sequences, Packages and Views.
* Strong expertise in **Test Driven Development (TDD)** and **ADD (Acceptance-Driven Development) and** experience in **unit testing, integration testing, sanity testing, and performance testing**.
* Expertise in **Unit testing** using **Junit**, **Jenkins,** **Mockito** & **Karma**/**Jasmine**, **Selenium**, **Integration** testing, **Smoke** testing & **System** testing.
* Hands-on experience in **continuous integration** and **deployments** using **Jenkins** or other **CI/CD** tools for efficient software delivery.
* Excellent problem-solving skills, attention to detail, and ability to work independently or as part of a team.
* Strong leadership skills with experience in leading and **mentoring** junior developers, conducting **code reviews**, and implementing best practices.
* Effective communication and interpersonal skills for collaborating with cross-functional teams and stakeholders.
* Familiarity with **Agile/Scrum** methodologies and experience in delivering projects within deadlines and budgets.
* Domain knowledge and business expertise in **Mortgage, Finance, Banking, Healthcare, Pension, and Insurance**.

TECHNICAL skills

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| **Operating Systems** | Windows, Linux |
| **Languages** | Java (J2SE1.8/1.6/1.5, J2EE 6/5), SQL, PL/SQL |
| **Frameworks** | Spring, Spring MVC, SpringBoot, Struts, JSF, JPA/Hibernate, iBATIS, Spring Security, Microservices, Spring Cloud |
| **Web Technologies** | HTML, JavaScript, CSS, JSON, XML, Ajax, jQuery, Angularv6/7/8/9/10, Angular JS, React, Node.js, Apache Tapestry, Sencha GXT, GWT |
| **Server Scripting** | JSP, JSP-EL, JSTL, Custom Tags, Node.js |
| **Client Scripting** | JavaScript, jQuery, Angular, React |
| **Web Services** | SOAP, UDDI, WSDL, JAX-RS, JAX-WS, REST API |
| **Application/web Servers** | WebLogic, IBM Web Sphere, JBoss, Jetty, Tomcat |
| **Message Queue Servers** | IBM Message Queue, Active MQ, Rabbit MQ |
| **Databases** | Oracle, MS SQL Server, PostgreSQL, Mongo DB, Cassandra |
| **Database Tools** | Oracle SQL Developer, PL/SQL Developer, PostgreSQL Client, DBeaver, SSMS, Mongo DB compass, Studio 3T |
| **Data Query Language Technologies** | SQL, NoSQL, GraphQL, Elasticsearch Query DSL, Amazon DynamoDB |
| **Cloud Computing** | Azure - Azure PaaS, App Service, Functions, Storage, SQL Database, Cosmos DB, Kubernetes Service, DevOps, SendGrid, AWS, Spring Cloud |
| **Data Steaming Technologies** | Apache Kafka, Apache Flink |
| **Containerization Tools** | Kubernetes, Docker |
| **Continuous Integration** | Jenkins, Hudson, Bamboo |
| **Observability and Monitoring Tools** | Splunk, Prometheus, and Grafana |
| **Authentication and Authorization Technologies** | Basic Authentication, Token-Based Authentication (JWT), OAuth, LDAP, MFA. |
| **Version Control** | VSS, TFS, Tortoise SVN, Git, GitLab, and Azure Repos |
| **Development Tools (IDEs)** | Eclipse, My Eclipse, Visual Studio code, IntelliJ IDEA, STS |
| **Build Tools** | Ant, Maven, Gradle, Log4j, SonarQube, Junit, Protractor, Mockito, SOAP UI, Postman, YAML |
| **Reporting Tools** | Jasper Studio |
| **Code Review Tools** | Atlassian Crucible |
| **Documentation Tools** | Swagger, Confluence |
| **Testing Tools** | Junit, Mockito, Jacob Co, JMeter, and Selenium |
| **Project Management Tools** | Agile (XP, Scrum), Rational Unified Process (RUP), Waterfall |
| **Java Profilers Tools** | Your kit, Profiler, Eclipse Memory Analyzer (MAT) |

Professional Experience

**Client: Quest Diagnostics, New Jersey Sep’2021-Till Date**

**Role: Senior Full Stack Java Developer**

**Project Description:** Enhanced Quality control (**EQC**) in the medical laboratory is one of the critical measures to ensure the quality and accuracy of patient results. Quality control samples of known concentrations are included in every assay setup. In addition, various statistical parameters are used to verify the accuracy of reported results and detect deficiencies or errors so that they can be corrected before releasing patient results.

**Roles and Responsibilities:**

* Developed and maintained **Microservices**-based applications using **SpringBoot** and **Azure Cloud**, following best practices for scalability, performance, and reliability.
* Implemented **RESTful** and **GraphQL** APIs for communication between Microservices and with external systems, ensuring secure authentication and authorization using **JWT** and **OAuth**.
* Implemented responsive and user-friendly **UI/UX** using **Angular**, **React**, **Bootstrap**, **HTML**, **CSS**, and related libraries and frameworks.
* Built and Developed **Dashboards** and different **charts** like **Control LJ** and **Assay Review** charts using Angular.
* Worked with various databases, including **SQL** and **NoSQL** databases, for data storage and retrieval, and implemented caching mechanisms for performance optimization.
* Integrated with **Laboratory Information System** and **Quantum Lab Services**, and messaging services, to supply additional functionalities in the applications.
* Designed and implemented RESTful APIs, worked with messaging systems like **Kafka**, and integrated with various Internal APIs.
* Designed and implemented scalable and fault-tolerant data processing pipelines using **Flink's** stream processing and batch processing APIs.
* Optimized data processing jobs for performance and scalability, including tuning **Flink** configurations, optimizing data serialization and compression, and improving memory management.
* Implemented **Containerization** using **Docker** and orchestration using **Kubernetes** for efficient and scalable deployment of applications.
* Deployed and managed applications on **Azure** **cloud**, utilized various Azure **services**, and ensured **high availability** and **performance**.
* Integrated applications with **App Service**, **Azure Functions**, **Azure Storage, Azure SQL Database, Azure Cosmos DB, Azure Kubernetes Service, Azure DevOps, Azure SendGrid**, for cloud-based deployments.
* Implemented **logging** and monitoring using **Splunk** or other logging frameworks for application performance tracking and troubleshooting.
* Provided technical leadership, conducted **Code Reviews**, implemented best practices, and ensured adherence to coding standards.
* Implemented **Test Driven Development (TDD)** and **ADD (Acceptance-Driven Development)** and performed performance testing, unit testing, integration testing, and sanity testing to ensure application quality and stability.
* Implemented **Automated testing** strategies, including **unit testing**, **integration testing**, and **performance testing**, using **JUnit**, **Mockito**, and other testing frameworks.
* Use **Selenium** and **Cucumber** for creating the web-based test automation suite and perform functional testing.
* Collaborated with **Cross-Functional** teams, including product managers, UX designers, and other developers, to gather requirements and deliver high-quality software solutions.
* Followed **CI/CD** practices for continuous integration and deployment, ensuring efficient and **agile** software development processes.
* Participated in **Agile/Scrum** ceremonies, including **Sprint Planning, Daily Stand-ups**, and **Retrospectives** to ensure efficient project delivery.

**Environment:** Java 1.8, Spring Boot, Microservices, REST API, GraphQL, JWT, OAuth, Azure, Angular v10, Node.js, JavaScript, JBoss, Docker, Kubernetes, Apache Kafka, Apache Flink, JSON, Visual Studio, IntelliJ IDEA, Azure SQL, Azure Cosmos DB, HTML5, CSS, Postman, GIT, Swagger, JIRA, SonarQube, Splunk, Gradle, Maven, YAML.

**Vitech Systems Group, India, Client: Prudential Group Insurance Feb’2019-Aug’2021**

**Role: Full Stack Java Developer**

**Project Description:** Prudential Group Insurance provides and distributes a full range of group life, long-term and short-term disability, and corporate and trust-owned life insurance in the U.S. to institutional clients, professional associations, and affinity groups, primarily for use within employee and membership benefit plans.

**Roles and Responsibilities:**

* Designed and developed end-to-end Java-based applications using **Spring Boot, Microservices, JPA, Hibernate,** and **REST API, following TDD, ADD,** and **CI/CD** practices.
* Implemented secure **authentication** and **authorization** using **Basic Authentication, JWT,** and **OAuth** for user authentication and access control in the applications.
* Built responsive user interfaces using **Angular, React, and Bootstrap**, delivering smooth user experiences across different devices.
* Integrated applications with **Azure services**, such as **App Service**, **Azure Functions**, **Azure Storage, Azure SQL Database, Azure Cosmos DB, Azure Kubernetes Service, Azure DevOps, Azure SendGrid**, for cloud-based deployments.
* Integrated Swagger UI and wrote integration test along with REST document.
* Developed all **REST APIs** using **Hysteria** commands and Feign clients for efficient fault tolerance and handling fallback mechanisms.
* Developed an efficient daily extract **job** that reads millions of documents from **PostgreSQL** and writes to a file and SFTP to a remote location.
* Implemented messaging using **Apache Kafka** for asynchronous communication between **Microservices**.
* Containerized applications using **Docker** and deployed them to **Kubernetes** clusters for scalable and efficient deployments.
* Implemented logging and monitoring solutions using **Splunk** and **Azure Monitor** for effective application monitoring and troubleshooting.
* Implemented automated build and deployment pipelines using **Maven, Gradle, Jenkins**, and **Azure DevOps** for continuous integration and deployment of applications.
* Conducted **unit testing, integration testing, sanity testing, acceptance testing,** and **performance testing** to ensure high-quality software solutions.
* Collaborated with cross-functional teams, such as **QA**, operations, and **business stakeholders**, for smooth application deployments and production support.
* Work with Business Analysts and Application Support Teams to understand all stakeholder requirements.
* Mentored junior developers and provided technical guidance to ensure code quality and adherence to coding standards.
* Involved in developing batches in both java and database.
* Attending conference calls, with the team over different time zones, on a regular basis for effective project management.

**Environment:** Java 1.8, Spring Boot, Microservices, REST API, JWT, OAuth, Azure, Angular v7/8, Node.js,

JavaScript, WebLogic, Docker, Kubernetes, Kafka, JSON, Visual Studio, Eclipse, Azure SQL, Azure Cosmos DB,

HTML5, CSS, Postman, GIT, Swagger, JIRA, SonarQube, Splunk, Maven, YAML.

**Black Knight, Inc. India, Client: Fifth Third Bank Nov’2015-Dec’2018**

**Role: Java/J2EE Developer**

**Product Description:** The LendingSpace LOS, a component of Black Knight’s end-to-end LoanSphere platform, supports correspondent lending and has traditionally been available as a client-hosted application. The LendingSpace LOS oﬀers the controls, security, and conﬁguration necessary to support all loan purchase activities within one system using a seamless, standardized workﬂow configured to each lender’s specific processes and rules.

**Roles and Responsibilities:**

* Involved in various phases of Software Development Life Cycle (**SDLC**) of the application like Requirement gathering, Design, Analysis and Code development.
* Implemented scalable and high-performance applications using **Design Patterns**, such as **Singleton**, **Factory**, **Builder**, **Observer**, and **Strategy**, for code reusability and maintainability.
* Implemented front-end solutions using **HTML, CSS,** and **JavaScript** for responsive and user-friendly interfaces.
* Worked extensively with **AJAX** for bringing data from backend without reloading the page.
* Handled business logic as a **Model** using the helper classes and Servlets to control the flow of application as controller.
* Written **JSP’s**, **Servlets** for developing the application and deployed the application on **IBM WebSphere** Server.
* Integrated applications with IBM WebSphere and IBM Message Queue for efficient communication between applications.
* Implemented secure authentication and authorization using Basic Authentication and HTTPS for user authentication and data transfer in the applications.
* Written **JavaScript** functions to do client-side validation and AJAX functionality is used to get asynchronous data.
* Developed this application based on **Spring MVC** Architecture.
* Involved in Servlets, Java Bean programming on the server side for the communication between clients and server.
* Developed **SOAP** based Web Services using **JAX-WS API**.
* Managed connectivity using JDBC for querying/inserting & data management including triggers and stored procedures.
* **JAXB** is used for **XML** messages processing, **un-marshaling** and **marshaling**.
* Used **SQL** statements and procedures to fetch the data from Oracle database.
* Implemented logging solutions using **Log4j** for effective application monitoring and troubleshooting.
* Used **SOAP UI** for web services testing and load testing.
* Used **Eclipse** IDE to implement java applications.
* **SSMS** tool used to manage data in **MS SQL Server** Database.
* **IBM MQ** and **JMS** are used as an integration point between web services.
* Collaborated with cross-functional teams, such as QA, operations, and business stakeholders, for smooth application deployments and production support.

**Environment:** Java, JEE, REST API, SOAP Webservices, Spring, Spring MVC, HTML, CSS, JavaScript, Log4j, Maven, TFS, Junit, Tomcat, IBM WebSphere, IBM MQ, Apache Active MQ, MS SQL Server, Jenkins, XML, JSON, SSMS.

**Black Knight, Inc. India, Client: SunTrust Bank Mar’2012-Nov’2015**

**Role: Java/J2EE Developer**

**Project Description:** The correspondent portal is used by correspondents and lenders. By using this application, the correspondents create their loans and submit them to the Lender Origination System. Using this system, the correspondent users can initiate their workflow for appraisal, exception, and purchase flows. We can support manual loan creation, bulk loan creation from Excel files, and loan import by using the DU FNM file.

**Roles and Responsibilities:**

* Designed, developed, and maintained Java-based applications using **Java, Java EE, Design Patterns, Spring, Hibernate, REST API, SOAP Web services, Basic Authentication, HTTPS, HTML, CSS, JavaScript, and SQL**.
* Implemented the **RESTful** Web Services using Jersey functionality by using portable [**JAX-RS API**](http://jax-rs-spec.java.net/) in the application to allow external applications to access the data.
* Developed this application based on **Spring MVC** Architecture.
* Used **Spring batc**h for job processing management in an extremely high-volume and high performance batch jobs through optimization and partitioning techniques.
* Integrated applications with **IBM WebSphere** and **IBM Message Queue** for efficient communication between applications.
* Implemented front-end solutions using **HTML, CSS**, and **JavaScript** for responsive and user-friendly interfaces.
* Developed **SOAP** based Web Services using **JAX-WS API**.
* Used **SQL** statements and procedures to fetch the data from Oracle database.
* Implemented logging solutions using **Log4j** for effective application monitoring and troubleshooting.
* Conducted Unit testing, Integration Testing, Sanity testing, acceptance testing, and Performance testing to ensure high-quality software solutions.
* Implemented automated build and deployment pipelines using **Maven, Jenkins, and TFS** for continuous integration and deployment of applications.
* Collaborated with cross-functional teams, such as QA, operations, and business stakeholders, for smooth application deployments and production support.
* Deployed Java applications on on-premises environments, ensuring high availability and performance.

**Environment:** Java, JEE, REST API, SOAP Webservices, Spring, Spring MVC, HTML, CSS, JavaScript, Log4j, Maven, TFS, Junit, Tomcat, IBM WebSphere, IBM MQ, Apache Active MQ, MS SQL Server, Jenkins, XML, JSON, SSMS.