



SANJEEV K

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PROFESSIONAL SUMMARY:

- Around **9 years** of strong software experience in design, development and deployment of web - based, Client-Server business applications using **Java/Spring technologies**.
- Experience in persistence layer technology such as Hibernate, **JPA, JDBC, Spring Data** experience working in a **Test-Driven Development** and **Agile-Scrum Development**.
- Have good knowledge in front end technologies like **HTML4, CSS3, AJAX, JSON, DOM, TypeScript, Bootstrap, XHTML, DHTML, JavaScript, jQuery, Angular JS**.
- Knowledge in developing applications using Java/Spring technologies **Hibernate, Servlets, JSP, JSF, AJAX, JDBC, JNDI, GWT JavaBeans, EJBs, XML, Web Services, JMS**.
- Excellent working knowledge with **Logistic and Supply Chain Industry** standard concepts like Putaway strategies, Decanting, Stocktaking, Goods to picking.
- Experience working on **Microservices** architecture by converting a tightly coupled application to loosely coupled distributed service.
- Experience working on building Ecommerce sites on **Magento** using **PHP**.
- Used Spring Core Annotations for Dependency Injection **Spring DI** and **Spring MVC** for **REST API s** and **Spring Boot** for **Microservices**.
- Experience in implementing and deploying Java EE design patterns such as MVC, Singleton, Factory, DAO, DTO and Business Delegate in the development of Multi-Tier distributed Enterprise Applications.
- Experience with Oracle WebLogic to integrate web applications.
- Experience with **Kafka** for message streaming efficiently.
- Experience working on Data Mining and Data Analysis using Twitter APIs using **Python, NumPy**.
- Good Knowledge on **C# and DotNet** Concepts like **WCF and WPF**.
- Experience in working with different IDE's like **IntelliJ IDEA, Eclipse, NetBeans, STS (Spring Tool Suite), Visual Studio**.
- Experience working on **API Testing** using tools like **Postman**.
- Implemented the project using agile-scrum methodologies like **JIRA**.
- Expertise in **RDBMS** technologies: **MySQL, Oracle** and **NoSQL** database technologies and ORM technologies
- Experience in database design and development of **PL/SQL** stored procedures, and packages in relational databases like Oracle, MySQL and good hands on experience in implementing, designing and developing NoSQL Databases like **MongoDB**.
- Excellent analytical capabilities and good communication skills. Ability to quickly adapt to new environments and learn new technologies.
- Experience working with different **SDLC (Software Development Life Cycle)** including Requirement gathering, Analysis, Design, Coding, Testing and Implementation like **AGILE (SCRUM)**, TDD and Waterfall Models.
- Used CI/CD – Continuous Integration, Continuous Deployment method to achieve goal.
- Involved in development, testing and implementation of the complete business solution.
- Knowledge on cloud services like AWS and Azure.

SKILLS:

Programming Languages:	Java, J2EE, Python, C#, C++, PHP, SQL/PLSQL. Scala
Web Technologies:	JavaScript, Spring, HTML, CSS, React.js, Node.js, Ajax, Typescript, Kafka, AWS, Azure
Frameworks:	Spring Framework, Angular JS, Spring, Hibernate, Wildfly, cURL
Databases:	MySQL, SQL server, Oracle, MongoDB, Oracle WebLogic
Build Tool and Version Control:	Apache Maven, GitHub, GitLab, Jenkins
IDE and Tools:	IntelliJ IDEA, Eclipse, NetBeans, Visual Studio, Postman, JIRA

WORK EXPERIENCE:

Sr. Java Full-Stack Developer| Dematic Corp

June 2021-Present

- Built services to automate the Logistic and Supply Chain System in a warehouse.
 - Designed JSON messages to improve transmission between scanners to determine storing aisle, location for orders by 28%.
 - Designed the flow of operation to facilitate efficient Goods -To-Person retrieval.
 - Implemented Putaway strategies that improve storing and shipping products from the facility by 22%.
 - Performed Testing and verification on internal virtual facility to save the costs for installation team by 6%.
 - Developed UI web pages using HTML5, CSS3 and React to display the data on the client side.
 - Involved in developing SQL queries, stored procedures, and functions.
 - Implemented the design using Microservices architecture for better deployment and maintenance.
 - Implemented the service layer based on a Spring container and exploited Spring's IOC features for bean management.
 - Implemented Spring MVC controllers, configured using Spring MVC annotations and configuration files.
 - Implemented spring framework Bean Factory & Application Context for bean initialization and configurations.
 - Implemented the back-end functionality of the modules using Singleton and Session Facade design patterns.
 - Used Hibernate as an ORM tool to interact with the database.
 - Worked on transfer to a NOSQL database like MongoDB.
 - Worked on Microservices and REST APIs and performed testing using Postman.
 - Experience working on Scala to develop business logic.
 - Used Scala collections to store and process complex customer information.
 - Developed server-side application to interact with database using Spring and Hibernate.
 - Worked on Kafka for achieving transfer to Hbase smoothly.
 - Worked efficiently using tools like Agile- Scrum JIRA, API Testing tool like Postman.
 - Worked on managing deployment using cloud technologies like Azure.
 - Deployed using Wildfly – cURL technologies.
 - Involved in code reviews and continuous process improvements.
 - Automated CI/CD process using Jenkins, build-pipeline- plugin, maven, GIT.
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- **Environment:** Java, Spring MVC, Spring JMS, Angular 5, Spring JDBC, REST Web Services, HTML5, CSS3, JavaScript, Angular JS, MySQL Server 2012, Maven, GitLab, JIRA, Agile, SCRUM, Wildfly, cURL, Azure, MongoDB, Kafka

Java Full-Stack Developer| Cisco, San Jose, CA

May 2019–May 2021

- Worked in design, implementation, and maintenance phases of Agile SDLC with daily Scrum meeting to discuss status of team members.
- Worked with product and design team for updating user interface and data of the website.
- Migrated existing AngularJS website into ReactJS website using JavaScript , JSX, HTML, CSS.
- Simplified and redesigned codes into reusable components with new ES6 features: Arrow Function, Default Parameter, Multi-Line String, Promises, Spread Operator.
- Used Redux as state management to communicate between components.
- Implemented various requirements of the business using Scala Collections.
- Used Scala libraries to process XML Data.
- Worked with Spark scripts using Scala Shell commands.
- Utilized React-Bootstrap to achieve responsive website and compatibility with major browsers.
- Developed the website into a single page application by React-router.
- Implemented poll section, that used axios to make AJAX requests with Post and Get operations to update MongoDB and used updated data with specific format for rendering.
- Implemented using Kafka for handling real time data.

- Validated frontend input using custom function with HTML5 and Spring MVC Form Validations.
 - Implemented Restful Web Service using Spring framework with Spring MVC.
 - Used Spring Data JPA with custom queries to perform operations on MongoDB.
 - Used WebLogic to run as middle tier between clients and databases.
 - Used Azure to manage connectivity with the cloud.
 - Imported tables to Mongo
 - Utilized Spring Mail to send registration and purchase confirmation email.
 - Used Spring Security for login authentication, user authorization, remember me, and password encryption.
 - Designed and implemented different test cases with Jasmine for frontend and JUnit for backend.
 - Implemented new entities in Oracle Database, and designed Many-To-One, One-To-Many, and Many-To-Many relationship with current entities.
 - Deployed frontend web application on AWS S3 with Cloud Front, and used Jenkins for continuous integration.
 - Used JIRA for bug tracking and task checking, and Slack for daily communication.
- **Environment:** JavaScript ,ReactJs v16.3.2, JSX, Redux, Oracle 11g, Maven 3, Junit, Jasmine, Java 8, HTML5,CSS3, Eclipse, WebStorm, AWS S3, Jenkins, Postman, MongoDB, Kafka

Java Full-Stack Developer/ Apexon, Bengaluru, India

Nov 2017–July2018

- Worked in design, implementation, and maintenance phases of Agile SDLC with daily stand-up meeting and two week Sprints.
 - Developed and designed frontend with ReactJS framework, JSX, Redux with Redux State Management, JavaScript, HTML,CSS .
 - Implemented third party libraries for frontend: Material-UI for Input box styling, React-Bootstrap for responsive webpage, React Toolbox for buttons styling, React Belle for custom styling on mobile and desktop device.
 - Validated user input using custom functions with Redux Form Validation.
 - Used Webpack for project build including minification, code uglify and static files bundling.
 - Implemented mid-tier MVC based application with Spring Boot.
 - Used Kafka for low latency data streaming.
 - Used @Autowired, @GetMapping and @RestController @PreAuthorize annotation in Spring as alternative to XML for declarative configuration.
 - Designed and documented diagram relationship of tables for Oracle Database using SQL Database Modeler .
 - Implemented Java Mail in Spring to send confirmation and notification, and survey email to users.
 - Developed custom queries using Spring DAO for CRUD operation on different pages such as survey, list of art pieces, user profile, login, registration, and followed artists list.
 - Developed and ran test case for frontend using Jest, and JUnit for backend.
 - Deployed to AWS S3, AWS EC2, and AWS RDS with Jenkins automation server.
 - Used JIRA and Confluence for documentation, bug tracking, and assigning tasks.
- **Environment:** JavaScript ES6, HTML5, CSS3, ReactJs v0.14.x, JSX, Redux, Oracle Database, SQL Database Modeler, JIRA, Java 7, Jest, JUnit, AWS S3, AWS EC2, AWS RDS, Jenkin, Eclipse, MongoDB, Kafka

Software Engineer |Tech Mahindra Limited, Bengaluru, India

Sep2016–Oct2017

- Worked on developing a robust property rental website.
- Implemented a Spring backend using service oriented architecture with REST APIs and deployed on MySQL.
- Involved in developing UI pages using AngularJS and calling the Rest API's from backend.
- Used Concepts like MVC, ORM and Transactions to efficiently handle the requests.
- Developed a dashboard to manage the store of products on Magento in an e-commerce website.
- Implemented the back-end functionality of the modules using Singleton and Session Facade design patterns.
- Created a robust platform to collect feedback to predict the retention rate of customers with an accuracy of 71%.
- Performed testing and improved the efficiency by 12% through changes and upgrades.
- Managed the Database by scripting complex queries in MySQL to extract meaningful information.
- Developed Mongo DB Data Access Layer implementing Mongo Repository interface from Spring Data.
- Implemented Spring MVC controllers, configured using Spring MVC annotations and configuration files.
- Developed database objects-Stored Procedures, Tables, Views, Sequences, Cursors, Packages and Triggers.

- Wrote SQL queries using PL/SQL, stored procedures and enhanced performance by running explain plans.
 - Involved in all stages of SDLC like Requirement Analysis, Design, and Implementation in Agile Methodology.
 - Involved in developing SQL queries, stored procedures, and functions.
 - Involved in code reviews and continuous process improvements.
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- **Environment:** PHP, Java, Spring MVC, Python, Spring JMS, Angular 5, Spring JDBC, REST Web Services, HTML5, CSS3, JavaScript, Angular JS, MySQL Server 2012, Maven, GitLab, JIRA, Agile, SCRUM, Wildfly, cURL

Software Developer/ Federal Soft Systems Inc. Hyderabad, India

Aug2013-July2016

- Participated in design, implementation, testing, deployment, and maintenance phases of SDLC.
 - Maintained and modified current application with jQuery, JavaScript, HTML, and CSS.
 - Used JavaScript, jQuery, jQuery Grid, and jQuery Grid Widgets for validating, formatting, and displaying table on frontend.
 - Designed new Class Diagrams, Case Diagrams, database tables, and mapping in MySQL.
 - Built backend with Spring, MySQL and Hibernate and HQL.
 - Tested application manually, test snippet of code on jsfiddle.net for frontend, and JUnit for backend.
 - Fixed broken Unit Test Cases and Integration Test Cases.
 - Designed and developed Sikuli automation scripts, in Python, to test program's stability and usability in different scenarios.
 - Deployed application to Bluehost after testing the new update.
 - Documented tasks and bugs on JIRA and instruction of test script on Confluence . Used Git for version control.
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- **Environment:** jQuery, Java7, JavaScript ES5, HTML, CSS3, MySQL, Spring, Hibernate, jsfiddle.net, Sikuli, Python, Bluehost, Sublime, Eclipse

PROJECTS:

Airbnb clone

Oct2020-Dec2020

- Designed and built a website in Java that lets the host list their properties and guests make a reservation.
- Implemented a Spring backend using service oriented architecture with REST APIs and deployed on MySQL.
- Used Concepts like MVC, ORM and Transactions to efficiently handle the requests.

Recruitment Database Design

Jan2020-Apr2020

- Designed & Developed Recruitment Database Design using MySQL Server and MS Visio for ER Diagram.
- Implemented views, transactions, stored procedures, functions, triggers, roles and authentication for real time use.
- Eliminated redundancies by reducing the design to 3rd Normal form for better results.

Remote Package Dependency Analysis

Jun2019-Aug2019

- Designed a code analysis tool in C# for parsing the files line by line.
- Performed Type analysis, Dependency analysis & Strong component analysis using .NET
- Created a WPF client using C# and a remote server using WCF capable of handling multiple clients.

LEADERSHIP & VOLUNTEERING:

- Served as an active member of in-house magazine BHOOMIKA by contributing in Data Collection, Editing, Designing and Promoting the Magazine.
- Spearheaded several events consisting of 50+ Students as a member of Creative Section of BHOOMIKA.
- Volunteered for National Level Tech Fest and NCEC Conferences.