**Satvik Vala**

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**Full-Stack Java Developer**

**PROFESSIONAL SUMMARY:**

* Over **10 years** of comprehensive experience in **Java Full Stack** development, encompassing the **design, development, and implementation** of **software applications** using **Java technologies**.
* Proficient in both **Waterfall model** and **Agile methodologies**, actively participating in **SCRUM meetings** for **project tracking**.
* Skilled in utilizing **JIRA** for efficient **ticketing** and **story management** across different methodologies.
* Expertise as a **Front-End UI developer**, proficient in **HTML5, CSS3, Bootstrap, JavaScript, AJAX, jQuery, Angular**, and **React.js** for **web application development**.
* Specialization in creating **responsive web designs** compatible with various platforms and screens using **Bootstrap**.
* Implemented **dynamic web pages** using **AJAX**, leveraging **RESTful web services** for **content retrieval**.
* Developed **client-side validation mechanisms** using **JavaScript** for enhanced user experience.
* Strong proficiency in **Test-Driven Development (TDD)** and adeptness in **Model View Control (MVC)** design patterns.
* Created **reusable components** and **services** using **TypeScript** and **Angular 10's Component-based architecture**.
* Built **single-page applications** and **responsive web pages** utilizing **Angular 10**, implementing **2-way data binding** and **ng-filters**.
* Hands-on experience in **React.js** development, including **Components, Forms, Routers**, and handling large data sets with **flux architecture**.
* Expertise in **core Java 1.8** concepts such as **Object-Oriented Programming, Multithreading, Lambda expressions**, and **Exception handling**.
* Proficiency with **Spring Framework** and associated technologies like **Spring MVC, Spring Boot, Spring Security**, and **Spring Data**.
* Developed and deployed **Microservice applications** using **Spring Boot**, implementing middleware frameworks like **Hibernate** for **entity mapping**.
* Extensive experience in implementing **microservices** and **Services Oriented Architecture (SOA)** using **REST APIs**.
* Proficient in writing **SQL queries, Functions, Triggers**, and adeptness in **relational databases** (**MySQL, Oracle, PostgreSQL, DB2**) and **NoSQL** (**MongoDB, Cassandra**).
* Knowledgeable in **Kafka messaging** and setting up **replication factors** in **Kafka clusters**.
* Skilled in **Unit Testing** and **Integration Testing** using **Karma, Jasmine, Mockito, PowerMock, and JUnit**.
* Experienced in **containerization** using **Docker**, orchestrated deployments using **Kubernetes**, and managing deployments on **AWS** and **Azure clouds**.
* Versatile with **version control tools** like **GitHub, SVN, and ClearCase**, ensuring efficient collaboration within teams.

**TECHNICAL SKILLS:**

**Programming Languages**: Java (1.5/1.6/1.7/1.8), C, C++, PL/SQL

**Methodologies**: Agile, Waterfall

**Operating Systems**: Windows, Ubuntu, Unix, Mac OS, Linux

**UI-Web Technologies**: HTML/HTML-5, CSS/CSS3, Bootstrap, JavaScript, TypeScript, Angular.js, Angular, jQuery, React.js, Node.js, Express.js, Redux, FlexPLM, Handlebars.js, Backbone.js, AJAX, JSON, XML, SASS, LESS.

**Databases**: MySQL, DB2, Oracle 10g/11g, NoSQL, MS SQL, MongoDB.

**Development** **Tools**: Visual Studio Code, Sublime Text, Eclipse IDE, Notepad++, WebStorm, MSOffice, IntelliJ IDEA, Git, SVN, Bitbucket

**Java Technologies**: J2EE, Java Beans, JDBC 3.0, JSF 2.2, JSP 2.1, Servlets 3.1, Web Services (Rest 2.0, WSDL, SOAP), AWS, XML, JSON, JMS, Hibernate, Spring Framework, Spring Cloud, Spring Batch, Spring Boot, Apache Kafka

**Web/Application Servers**: Apache Tomcat

**Version Control**: Git, Clear Case, CVS, Tortoise SVN

**Web Services**: SOAP, RESTful

**Testing and Debugging**: Jest, JIRA, Firebug, IE Developer Tools, Jasmine, Mocha, Karma, Chrome Developer Tools

**Cloud:** Azure, AWS

**PROFESSIONAL EXPERIENCE:**

**Client: Ahold Delhaize Sep 2020 - Present**

**Role: SR Java Developer with AWS**

**Responsibilities:**

* **Engaged** in various phases of the **Software Development Life Cycle (SDLC)** and **Agile Methodologies**.
* Directly participated in **client meetings**, facilitating discussions on **requirements**.
* **Implemented** UI applications using **HTML, CSS, Bootstrap, JavaScript, TypeScript, jQuery**, and **AJAX** for **user interface development**.
* Created **single-page applications** and conducted **validations** using **Angular 10**, focusing on **enhancing** existing application **performance**.
* Utilized **Angular routers** for **seamless navigation** between views and integrating with **backend APIs**.
* Leveraged **Angular 10's component-based development** to **enhance** application performance and **facilitate** future framework transitions.
* Employed **Spring Boot** for application **security enhancement** and developed **customer loyalty applications** and **microservice business components**.
* Utilized **Node.js** to structure JavaScript code for **RESTful web services**, incorporating packages like **crypto** and **moment** for **verification** and **timestamp management**.
* Implemented **Java 8 features** such as **lambda expressions, streams**, and **functional interfaces**, alongside **Object-Oriented Programming concepts** like **abstraction** and **encapsulation**.
* Collaborated with **Kafka admin teams** to set up **Kafka clusters** for **message processing** in **Spring Boot microservices**.
* Developed **JUnit test cases** for **API functionality testing** and utilized **Tomcat application servers** for **development** and **testing**.
* Managed **Docker Orchestration** and **containerization** using **Kubernetes**, facilitating the **development** of **test environments** and **infrastructure maintenance**.
* Integrated **server-side** and **client-side code** using **AWS** and **deployed applications** in **AWS cloud environments**.
* Developed applications using **Spring (Spring MVC, Spring Boot, Spring IOC, DI)** and facilitated communication through **REST architecture-based web services**.
* Utilized **Postman** for **testing web service responses** and ensured complete **unit test coverage** using **JUnit** and **Mockito frameworks**.
* Developed **JPA layers** using **Spring JPA** to connect with **SQL Server databases** and executed **native SQL queries** for **complex associations**.
* Leveraged **AWS services** like **EC2** and **S3**, interacting with **S3 services** for **document storage** and **retrieval**.
* Demonstrated **proficiency** in working with **relational databases** such as **MySQL, PostgreSQL**, and **SQL Server**, including expertise in writing **complex SQL queries** and utilizing **advanced database features**.
* Implemented **database joins** efficiently to retrieve data from **multiple tables** and ensured **optimal performance**.
* Utilized **triggers** in **MySQL** and **PostgreSQL databases** to **enforce data integrity** and **automate actions** based on **database events**.

**Client: Blue Cross Blue Shield, AL Feb 2020 – Aug 2020**

**Role: Full Stack Java Developer with Azure**

**Responsibilities:**

* Involved in **SDLC**, covering **requirements gathering**, **analysis**, **design**, **development**, and **testing** using **AGILE/Scrum methodology**.
* Designed application modules, base classes, and utility classes utilizing **Core Java**.
* Analyzed **Maven dependency management** to integrate dependencies into **Spring Boot applications** for **Micro Services**.
* Executed **server migration** to **AWS cloud services** from physical environments.
* Developed **Java API** for **Amazon Lambda** to manage various **AWS services**.
* Utilized **AWS-CLI** to control and suspend **AWS Lambda functions**.
* Monitored **AWS services** with **Amazon Cloud Watch** and monitored application logs.
* Employed **JDBC API framework** for **Oracle Database connectivity** and executed **PL/SQL queries** for **transaction management**.
* Utilized **Amazon DynamoDB**, a **NOSQL database**, for reporting application data storage.
* Utilized **Amazon IAM** for **user credential management** and created custom **IAM policies** for organizational groups.
* Employed **Amazon S3** as an **object storage service** for storing and retrieving media files.
* Built packages using **MAVEN** and **JENKINS build tools**.
* Designed and developed **JUnit test cases** during the development phase.
* Used **Rest API client POSTMAN** for testing **web services** requests and responses.
* Developed backend logic using **core Java**, including **Collections** and **multi-threading**.
* Developed a **Single Page Application** using **Angular 6** for client onboarding of IPM modules.
* Consumed developed **Web services** in the **Angular application**.
* Developed front-end components using **Angular 6, TypeScript, Rxjs, Angular Material, NgRx-bootstrap**, and **Node**.
* Employed **Perforce** for version control and source code management.
* Worked under **AGILE Program**, attending daily **scrum calls**.
* Worked on **Agile methodology**, attended **scrum meetings**, and reported project status to stakeholders.
* Used **Gulp** for task runners and **JIRA** for assigning user tasks.
* Developed **Web Application** using **HTML-5, CSS-3, Boot Strap, Java Script, React.js, ES6, Express.JS, Node.JS, Rest API, MongoDB**.
* Proficient in using **Bootstrap** for creating modal windows, alerts, scroll spy, popover, buttons, type heads, and tooltips.
* Implemented **React routers** for navigation between components and performed **DOM manipulations** using **React.js**.
* Used **Reactive forms** for validations within the **React framework**.
* Created documentation for components within the **React-Bootstrap** pages.
* Developed UI, architecture, and built component libraries using **React.js**.
* Built stable **React components** and stand-alone functions for future use.
* Created components using **React.js** and documented them.
* Migrated code to **React.js** using **Redux** for state management.
* Worked with **Java 8 features** like Object-Oriented Programming, interfaces, Lambda expressions, and Exceptions.
* Developed server-side applications using **Spring Boot** and **Hibernate** for database interaction.
* Utilized **Spring Boot actuator** for monitoring and managing applications in production.
* Created and maintained **Restful APIs** using **Spring Boot**.
* Developed **RESTful services** using **Node.js** and **LoopBack framework**.
* Used **Node.js** for implementing HTTP REST API and tested them using **Postman**.
* Conducted unit testing of JavaScript applications using **Jasmine, Jest, and enzyme**, along with integration testing.
* Worked on partitioning **Kafka messages** and configured **replication factors** in **Kafka cluster**.
* Used **Kubernetes** to orchestrate deployment, scaling, and management of **Docker containers**.
* Utilized **GIT** for version control, handling source code, and managing commits.
* Performed CRUD operations on **MongoDB** for data retrieval and updating using **Mongoose**.
* Developed server-side applications using **Node.js, Express.js, and MongoDB with Mongoose.js**.
* Implemented MongoDB collections and services for storing and retrieving user data.
* Worked with **JDBC** for retrieving **DB2 data**, utilized **IBM Data Studio** for viewing and updating **DB2 data**, and incorporated **MongoDB** for data storage.
* Proficient in using **Windows Azure services** like **SaaS, PaaS, and IaaS**.
* Worked with **SQL Azure Databases** to migrate SQL Server databases, utilizing **Data Migration Wizard**, and deployed applications to **Azure cloud**.

**Client: Prime Therapeutics May 2019 – Feb 2020**

**Role: Full Stack Java Developer**

**Responsibilities:**

* Engaged in SDLC, covering requirements gathering, analysis, design, development, and testing, adhering to **AGILE/Scrum methodology**.
* Designed and developed applications using **AGILE methodology** and followed **Test Driven Development (TDD)**, **Scrum**.
* Interacted effectively with team members and business users across regions for **requirements capture** and **analysis**.
* Created wireframes using **Balsamiq** and transformed design mock-ups into functional **Single Page Applications**with **Angular 4**, **TypeScript**.
* Implemented dynamic elements and reusable libraries with **Angular 4**, **TypeScript**, following **FSA Design System**for design consistency.
* Utilized **Angular-CLI** to generate components, services, directives, filters, and **Angular 4 Reactive forms** for complex form implementations.
* Developed **SQL** and **PL/SQL queries**, stored procedures, and triggers for data manipulation and maintaining **data integrity**.
* Developed **REST Web Services** using **Spring** and consumed them in **Angular applications**.
* Tested **REST services** using **REST Client** and **POSTMAN**.
* Managed dependencies and builds with **Maven**, and facilitated continuous builds and deployments with **Jenkins**.
* Developed test cases using **JUNIT**, **Mockito frameworks** for back-end testing, and used **Karma** and **Jasmine** for **Angular testing**.
* Implemented **MVC architecture** using **Spring framework**, including **Spring Core**, **DAO**, **Spring ORM**, and **Spring Web MVC**.
* Automated build and deploy processes using **Jenkins** in **Boss application server**.
* Utilized **Log4j** for logging and tracing messages.
* Managed user stories and defects tracking using **JIRA**.
* Used **SVN** for **version control**.
* Participated in **analysis**, **design**, and **development** of software using **agile methodologies**, ensuring timely project delivery with **quality**.
* Interacted with clients to translate **business requirements** into **technical solutions**.
* Designed and developed web pages using **HTML**, **CSS**, **Bootstrap**, **JavaScript**, **TypeScript**, **Angular 4**, and **Node.js**.
* Implemented **Angular routers**, enhanced application performance, and utilized **AJAX** and **JSON** for efficient **data exchange** between browser and server.

**Client: Church Mutual May 2018 – May 2019**

**Role: Software Developer**

* Engaged in the software development life cycle (SDLC) following the **waterfall model**, covering **requirement analysis**, **design**, **implementation**, **testing**, and **maintenance**.
* Developed a responsive **single-page application** using **HTML**, **CSS-3**, **JavaScript**, and **jQuery** to ensure **cross-device compatibility**.
* Optimized existing applications by refining **HTML**, **CSS**, **JavaScript**, and implementing **AJAX** for smoother interactions.
* Conducted **client-side validations** post-application development to maintain **data integrity** and **user satisfaction**.
* Designed robust modules using **Object-Oriented Programming (OOP)** principles, incorporating features like **threads**, **exceptions**, and **Java Collections**.
* ﻿﻿Used the Python language to develop 3 web-based data retrieval systems.
* ﻿﻿Performed data entry and other clerical work for project completion.
* ﻿﻿Conducted descriptive and multivariate statistical analysis of data using Matlab, gaining 100% accuracy rate in terms of interpretation and analysis.
* Implemented modern features of **Java 8** such as **lambda expressions**, **methods**, and **interfaces** to enrich application functionality.
* Utilized **Spring Boot** for **enterprise-grade solutions**, simplifying development with minimal configuration requirements.
* Seamlessly integrated **Hibernate** for efficient **transaction management** and **Object-Relational Mapping (ORM)**within Spring-based applications.
* Streamlined development efforts by leveraging **MVC frameworks** like **Spring** and **ORM tools** such as **Hibernate**.
* Employed the **Struct Framework**, implementing a **model-view-control pattern** for application development.
* Conducted rigorous **unit testing** using **JUnit** and facilitated **integration testing** through **Jenkins**.
* Deployed and configured applications on **JBoss** application servers for smooth operation in **production environments**.
* Embraced **Agile methodology** and **Test-Driven Development (TDD)** to ensure **robust application development**.
* Played a vital role as a **JEE developer** across all phases of development, from **requirement analysis** to **deployment** and **testing**.
* Engineered software solutions for **Confidential PR**, enhancing **validation**, **quality control**, **document management**, and compliance with **CFR Part 11**.
* Enhanced efficiency by creating custom **shell scripts for log parsing, data extraction**, and report generation, reducing manual effort and improving productivity.
* Implemented error handling and logging mechanisms **within shell scripts** to ensure robustness and maintainability.
* Created dynamic **JSP pages** using the **Struts Framework** in projects requiring the **Struts MVC framework**.
* Leveraged the **Spring Framework** for **dependency injection** and **bean wiring**, optimizing performance through configuration of the **Spring IOC container**.
* Built dynamic web pages and services using **React JS** and **AJAX** to enhance **user experience** and **efficiency**.
* Streamlined **CI/CD processes** using **Git Version Control** and **GitLab CL** for efficient **collaboration** and **deployment**.

**Client: Nationwide Insurance Jan 2014 – April 2018**

**Role: Java Developer**

**Responsibilities:**

* Engaged in the software development life cycle (SDLC) following the **waterfall model**, covering **requirement analysis**, **design**, **implementation**, **testing**, and **maintenance**.
* Developed a responsive **single-page application** using **HTML**, **CSS-3**, **JavaScript**, and **jQuery** to ensure **cross-device compatibility**.
* Optimized existing applications by refining **HTML**, **CSS**, **JavaScript**, and implementing **AJAX** for smoother interactions.
* Conducted **client-side validations** post-application development to maintain **data integrity** and **user satisfaction**.
* Designed robust modules using **Object-Oriented Programming (OOP)** principles, incorporating features like **threads**, **exceptions**, and **Java Collections**.
* Implemented modern features of **Java 8** such as **lambda expressions**, **methods**, and **interfaces** to enrich application functionality.
* Utilized **Spring Boot** for **enterprise-grade solutions**, simplifying development with minimal configuration requirements.
* Seamlessly integrated **Hibernate** for efficient **transaction management** and **Object-Relational Mapping (ORM)**within Spring-based applications.
* Streamlined development efforts by leveraging **MVC frameworks** like **Spring** and **ORM tools** such as **Hibernate**.
* Employed the **Struct Framework**, implementing a **model-view-control pattern** for application development.
* Conducted rigorous **unit testing** using **JUnit** and facilitated **integration testing** through **Jenkins**.
* Deployed and configured applications on **JBoss** application servers for smooth operation in **production environments**.
* Embraced **Agile methodology** and **Test-Driven Development (TDD)** to ensure **robust application development**.
* Played a vital role as a **JEE developer** across all phases of development, from **requirement analysis** to **deployment** and **testing**.
* Engineered software solutions for **Confidential PR**, enhancing **validation**, **quality control**, **document management**, and compliance with **CFR Part 11**.
* Created dynamic **JSP pages** using the **Struts Framework** in projects requiring the **Struts MVC framework**.
* Leveraged the **Spring Framework** for **dependency injection** and **bean wiring**, optimizing performance through configuration of the **Spring IOC container**.
* Built dynamic web pages and services using **React JS** and **AJAX** to enhance **user experience** and **efficiency**.
* Streamlined **CI/CD processes** using **Git Version Control** and **GitLab CL** for efficient **collaboration** and **deployment**.
* Collaborated with the **DevOps team** to deploy projects on **AWS EC2 Ubuntu instances**, leveraging **cloud infrastructure** for **scalability** and **reliability**.