Saritha Chintha   
Sr Full Stack Java Developer

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**PROFESSIONAL SUMMARY:**

Over 10 years of hands-on experience in designing, developing, maintaining, and deploying web applications using a diverse tech stack.

* Excelled in covering the entire Software Development Life Cycle (SDLC). Skilled in **Object-Oriented Analysis (OOA)** and **Object-Oriented Design (OOD)** using UML.
* Adept in both Waterfall and **Agile** software development methodologies, demonstrating adaptability to diverse project environments.
* Proficient in managing application state within React using stateful components, Context API, or state management libraries like **Redux,** ensuring a predictable and scalable state management solution.
* Hands-on experience with **Angular 14,** specializing in creating responsive designs & optimizing performance.
* Proficient in developing server-side rendered **Angular 13/14** applications for enhanced performance and SEO.
* Proficient in client-side technologies such as **JavaScript, HTML5, XML, CSS3, DTD, XSL, XSLT, XML** Schemas.
* Extensive experience with server technologies including **Spring Framework, Spring Boot, Hibernate, AngularJS, Node JS, RESTFUL, SQL, SOAP, Web Services, and Apache.**
* Proficient in **Java, J2EE, Database systems, web technologies,** and various testing tools.
* Proficient in leveraging the latest features of **Java 17** to deliver robust, efficient, and scalable solutions by utilizing the power of record types, sealed classes, and pattern matching to streamline code development and enhance software maintainability.
* Solid understanding of **Java 11** features for updated file operations, pattern recognition, **lambda expressions**.
* Experienced in leveraging Core Java concepts, including **Multi-Threading, Exceptions, Data Structures, Serialization**, and **Java 8** functional programming.
* Skilled in internal security models using **Spring Batch** and **Spring Micro Services**. Experience in developing Java server components using **Spring, Spring MVC,** and **Hibernate** web services technologies.
* Designed and implemented Sail Point connectors (Active Directory, LDAP, JDBC).
* Proficient in building **REST** Microservice **APIs** using **Spring Boot** Application. Experienced in analyzing and designing applications using Object-Oriented Analysis and Design methodologies.
* Extensive experience in developing web applications using **JSF, JSP, JSTL, JDBC, Kafka, Java Beans**.
* Worked on **J2EE** Application Servers like **IBM WebSphere**, **BEA WebLogic**, and **JBoss Apache Tomcat,** utilizing Java 8 features such as Streams and Lambda for data processing.
* Utilized **GraphQL** for efficient data querying and API design, enabling precise data fetching and optimized client-server communication to enhance application performance and responsiveness.
* Extensive experience in cloud computing platforms such as **GCP**, and **Azure** demonstrating proficiency in designing, deploying, and optimizing scalable and secure cloud solutions.
* Proficient in **Amazon Web Services (AWS)** including **EC2, S3, RDS, Elastic Load Balancing, SQS, Identity**.
* Hands-on experience in using **AWS Lambda** for seamless function execution and **AWS Amplify** to streamline front-end and back-end integrations, enabling rapid, scalable, and secure application development across cloud environments.
* Proficient in working with Relational databases like **Oracle, PostgreSQL, MongoDB, MySQL, and PL/SQL**.
* Adept at optimizing **MySQL** databases for high performance, scalability, and responsiveness.
* Skilled in fine-tuning **SQL queries**, implementing indexing strategies, and employing caching mechanisms to enhance overall database efficiency.
* Familiarity with **Docker**, Container orchestration, **React JS components, CI/CD** using **Jenkins** and **Docker.**
* Skilled in debugging and troubleshooting existing code. Extensive experience in unit integration and system testing using **JUnit and Mockito**.
* Skilled at commanding the version control systems, including **Git** and **SVN**, adept at orchestrating collaborative development environments. Skilled in deploying applications using **Maven, Gradle,** and **Log4J** for logging.

**TECHNICAL SKILLS:**

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| --- | --- |
| Languages | C, C++, python, Java, J2EE, SQL and PL/SQL, JavaScript. |
| Mark-up/XML Technologies | HTML5, CSS3/4, Bootstrap, JavaScript, jQuery, AJAX, Angular 14/10/9, NodeJS, XML, XSD, XSL/XSLT, SAX/DOM, and JSON. |
| Tools & Framework | Struts, Spring, Hibernate, Spring MVC, Spring Web Flow, Spring IOC, Spring AOP, Spring Security, Spring Boot, JUnit, SOAP UI, Postman, Scala Google Web Toolkit, MapReduce, Apache Flink, Apache Flume, Flink, NestJS. |
| Build Automation | MAVEN, Jenkins, Jerker, and Gradle. |
| Web services | SOAP, RESTful, JAX-RPC, JAX-RS, JAX-WS, JAX-B, Microservices, Apache Axis, Bash scripting, and Apache CFX. |
| Cloud Technologies | Amazon Web Services, Microsoft Azure, GCP, Pivotal Cloud Foundry, Lambda, Spring Cloud, EC2, RDS, S3, Elastic Load Balancer, OpenShift, EBS. |
| Web/App Servers | Web Sphere, Apache Tomcat, JBOSS, Web Logic Server. |
| Databases | Oracle, SQL-Server, MySQL, IBM DB2, Cassandra, NoSQL DB like MongoDB. |
| IDE tools | Eclipse, Net beans, Spring Tool Suite (STS) and IntelliJ IDEA, Maven build, RAD, Web logic, |
| Testing Tools/Others | Selenium, Jest, JUnit, TOAD, Soap UI, Rational ClearQuest, RTC, and Mockito, Apigee. |
| Version Control | GitHub, SVN, CVS, Rational Clear Case, and Git, Tortoise Git. |
| OS & Environment | Windows, Sun Solaris, UNIX, MAC, Linux. |

**PROFESSIONAL EXPERIENCE:**

**Client: USAA San Antonio, TX Aug 2022 to Till Date**

**Role: Sr Full Stack Java Developer**

**Responsibilities:**

* Actively engaged in every aspect of the **Agile Software Development Life Cycle (SDLC)**, managing the design, implementation, and testing phases. Methodically broke down features into actionable stories and organized workloads according to team capacity.
* Developed and maintained full-stack Java applications, expertly integrating strong back-end functionality with dynamic front-end interfaces utilizing **HTML5**, **CSS4**, and **TypeScript.**
* Led the creation of reusable UI components using **Angular 14**'s component-based framework. Utilized the Angular Http Client module to establish a seamless connection with **RESTful API**s, ensuring efficient data retrieval and manipulation with an emphasis on separation of concerns.
* Directed the development and upkeep of robust full-stack applications, effectively integrating Java-based back-end systems with dynamic front-end interfaces through **Angular 14**. Introduced a modular design to enhance the reusability and maintainability of the codebase.
* Showcased expertise in leveraging the features of **Java 17**, including the Foreign Memory Access API and **ZGC Garbage Collector**. Additionally, established **J2EE** design patterns such as **DTO, DAO**, and Service Locator to optimize software design and implementation while enhancing performance.
* Spearheaded the design and deployment of Microservices using **Java 17**, taking advantage of its advanced modularization features to ensure effective service isolation and scalability. Capitalized on **Java 17**'s enhancements in asynchronous programming to improve application response times.
* Utilized **Spring Rest** and **MVC** to create **RESTful Microservices**, significantly enhancing the overall functionality of the application. Integrated **Spring Boot** for rapid application development, generating **RESTful APIs** and **microservices**, and utilized **Spring Security** for robust authentication and authorization.
* Implemented data persistence and database interactions using **Redis**, ensuring seamless integration with **NoSQL** databases.
* Contributed to the development of **RESTful** web services utilizing **Java, Spring Boot**, and **Redis**. Effectively integrated **Bootstrap** and **Angular** for superior web design. Employed Redis for accessing the data layer and ensuring efficient data persistence.
* Designed and optimized **Elasticsearch clusters**, incorporating advanced configurations for node allocation, index management, and shard balancing to ensure high availability and performance.
* Integrated **Elasticsearch with Spring Boot microservices**, developing RESTful APIs for advanced search and filtering capabilities, enhancing data retrieval accuracy and user experience.
* Developed **GraphQL** APIs to enable precise **data retrieval**, allowing clients to request only the necessary data and improving application performance by reducing over-fetching and under-fetching issues.
* Created and managed **GraphQL** schemas with clearly defined types and resolvers, ensuring a structured and predictable **API** layer that streamlined client-server interactions.
* Configured **AWS EC2** instances within a **Virtual Private Cloud (VPC)**, as well as **S3 Buckets** and CloudFormation Services, tailored to specific application requirements. Enabled seamless integration of **Java** applications with **AWS S3** for efficient data storage and retrieval.
* Utilized **AWS Lambda** to accelerate the development and deployment processes, while also reducing operational overhead.
* Implemented AWS **SQS** for reliable message queuing and AWS **SNS** for real-time notifications, enabling seamless asynchronous communication between microservices, improving system scalability, and ensuring timely processing of tasks across distributed systems.
* Conducted **AWS** Autoscaling to optimize resource utilization and cost efficiency when using **AWS services**.
* Leveraged **AWS** Glue to develop comprehensive **Extract, Transform, Load (ETL)** solutions for efficient data processing. Integrated Glue jobs into the overall data architecture, ensuring the processing of diverse datasets.
* Developed and maintained **cloud infrastructure as code** using **Terraform**, automating provisioning, management, and versioning of resources across multi-cloud environments for scalability and efficiency.
* Created reusable, **modular Terraform** configurations to manage complex infrastructure, reducing deployment time and increasing consistency across environments.
* Led the integration of **Java** components within the Quartus **FPGA** development environment, enabling smooth communication between software and hardware modules. Developed **Java** interfaces to interact with **Quartus tools**, facilitating configuration management and dynamic parameterization of **FPGA** designs.
* Efficiently employed **Docker** Compose to define and operate multi-container **Docker** applications, streamlining local development and testing. Coordinated continuous integration and deployment pipelines using **Jenkins** and **Kubernetes** for automation, reducing the need for manual intervention.
* Innovated the development of a **Kafka** Producer **REST service** utilizing an event-driven architecture. Configured **Kafka** Producer and Consumer **REST services** with events, optimizing data reading and storage in Couchbase.
* Utilized **Swagger** to generate interactive API documentation, enabling developers and stakeholders to visualize, explore, and test **RESTful** endpoints directly through the **Swagger UI**, improving understanding and collaboration.
* Utilized **Log4J** for real-time monitoring of error logs. Effectively used **JIRA** for thorough issue and bug tracking, as well as for monitoring work assignments. Employed **Git** as the main version control tool.
* Performed extensive security and integration testing with **Postman, Ready API**, and **Soap UI**. Led the establishment of **CI/CD pipelines** for **Java** applications, utilizing tools such as **Jenkins** and **Kubernetes** to automate processes and minimize manual intervention.
* Followed a structured approach by writing unit tests before code implementation using tools like **JUnit**, **Mocha**, and **Chai**, ensuring high test coverage, modularity, and early detection of bugs.
* Collaborated with stakeholders to define application behavior using **Cucumber** and **Jasmine**, creating human-readable test cases to ensure alignment with business requirements and seamless end-to-end functionality.
* **Designed and implemented comprehensive unit tests** using **JUni**t to validate functionality and improve code quality, achieving high test coverage and ensuring robust application performance across multiple modules.
* **Automated regression testing workflows** with **JUnit**, enhancing development efficiency by identifying issues early in the **CI/CD pipeline** and reducing manual testing efforts.
* Utilized **SailPoint** to Automate user provisioning, access requests, and certifications, ensuring that users have appropriate access to resources.
* Used **Entra ID** which Offers **single sign-on (SSO)** and multi-factor authentication (MFA) across Microsoft services and third-party applications, streamlining user access and enhancing security
* Designed and implemented scalable **PostgreSQL** database architectures, optimizing data models for performance and ensuring efficient storage and retrieval of large volumes of structured data, leading to improved application responsiveness.
* Implemented and maintained **PostgreSQL** instances, including configuration, monitoring, and performance tuning, to guarantee high availability, fault tolerance, and optimal database performance. Collaborated with development teams to create effective data schemas and indexes, ensuring seamless integration with **PostgreSQL**.

**Achievements:**

Through the successful design and deployment of microservices using Java 17 and Spring Boot, I significantly enhanced application scalability and reduced downtime by 40%. Implementing PostgreSQL optimized database performance, improving query efficiency and application responsiveness by 30%. By establishing robust CI/CD pipelines using Jenkins and Kubernetes, deployment times were reduced by 50%, improving overall project delivery. Additionally, leveraging AWS services like Lambda, EC2, and S3 enabled cost-efficient scaling and enhanced application reliability, achieving 99.9% uptime.

**Environment:** Agile SDLC, HTML5, CSS4, Java 17, TypeScript, Angular14, RESTful APIs, Spring REST, Spring MVC, Spring Boot, Hibernate, AWS, Docker, Kubernetes, Log4J 2, JIRA, Git, Node.js, Maven, Redis, Postgres.

**Client: Wells Fargo San Francisco CA Mar 2020 to Jul 2022**

**Role: Java Full Stack Developer**

**Responsibilities:**

* Employed **Agile methodologies** for the analysis, definition, and development of applications, ensuring alignment with both functional and business requirements. Actively participated in **Scrum** meetings, such as daily stand-ups, sprint reviews, and retrospectives, playing a crucial role in the project analysis and design stages.
* Skilfully designed the User Interface using **HTML5, CSS3, ReactJS**, and **Bootstrap** to construct a robust **Single Page Application (SPA)**. Developed interactive and dynamic web components, ensuring smooth user experiences while adhering to performance optimization best practices and cross-browser compatibility.
* Created and maintained dynamic, responsive user interfaces with **ReactJS**, successfully translating design mock ups and wireframes into engaging web applications.
* Implemented dynamic and interactive front-end components using **JavaScript** frameworks like **React** seamless user experiences with real-time updates and enhanced UI performance.
* Utilized **JavaScript** to integrate RESTful APIs with Axios for efficient data communication between front-end interfaces and back-end services, ensuring fast and reliable data exchanges.
* Created reusable components utilizing **React** **component-based** architecture, contributing to an efficient front-end foundation.
* Integrated **React** with **RESTful APIs** to ensure effective communication between the front-end and backend servers, enabling real-time data updates.
* Built the persistence layer using the **Hibernate API, Java Beans,** and **Data Models** from **Java 11**.
* Introduced new features and improvements in existing applications, taking advantage of **Java 11** functionalities such as local-variable type inference (var), modules, and the enhanced **HTTP** client.
* Designed and implemented robust, scalable enterprise applications using **J2EE** technologies, including **Servlets, JSP, and EJB,** to enhance application functionality, maintainability, and support high-traffic environments.
* Worked extensively with multiple modules of the **Spring Framework**, including **MVC, Dependency Injection, Auto Wiring, JDBC Templates, Spring Security,** and **Aspect-Oriented Programming (AOP)**.
* Developed **RESTful** services using the Jersey implementation of **JAX-RS**, providing comprehensive **CRUD (Create, Read, Update, Delete)** capabilities for effective communication.
* Created and injected **Spring services, controllers,** and **DAOs** to achieve dependency injection and object wiring.
* Implemented **Microservices** and **APIs** with **Spring Boot**, utilizing the **Apache Kafka** cluster for messaging between **APIs** and **Microservices**. Supported backend components and **API** resources using **Kotlin**, with **JSON API** facilitating the development of multiple **APIs**.
* **Implemented Apache Kafka for real-time data streaming** to enable efficient, fault-tolerant communication between microservices, enhancing scalability and performance for high-throughput systems.
* **Configured Kafka topics and partitions** to optimize data processing, implemented producer-consumer patterns, and ensured reliable message delivery with Kafka's built-in fault tolerance and high availability features.
* Applied **Hibernate** caching strategies to improve application performance by minimizing database roundtrips. Used **Hibernate** batch processing techniques to enhance the efficiency of inserting, updating, or deleting multiple records.
* Directed the migration of on-premises infrastructure to **Microsoft Azure**, designing and implementing **cloud solutions**. Established and managed **Azure** resources, including **virtual machines, storage accounts**, and **networking components,** to ensure smooth scalability and high availability.
* Managed **Azure DevOps pipelines** for **continuous integration** and **continuous deployment (CI/CD)**, automating deployment processes and ensuring reliable and efficient application delivery. Monitored and optimized **Azure services**, applying best practices to improve performance, security, and cost-effectiveness within the **cloud** environment.
* Integrated **Azure Event Grid** to implement a scalable and event-driven architecture, enabling real-time communication between microservices and ensuring reliable event routing for critical business workflows.
* Worked with **Kubernetes** for consistent environment provisioning, scaling deployments, and load balancing.
* Used **Docker** for simplified code development, automated deployment, and ensuring consistency.
* Leveraged **GraphQL’s** query structure to handle complex nested data in a single request, improving **API** efficiency and reducing the number of network calls required by front-end applications.
* Integrated **Grafana with Prometheus** and other data sources to visualize system health, enabling efficient root-cause analysis and troubleshooting.
* Developed **custom panels and alerts** in Grafana to track key performance indicators (KPIs), ensuring SLA compliance and operational reliability.
* Integrated **TDD practices** into the development workflow to validate functionality with automated tests, reducing regression issues and improving the reliability of critical components during iterative development.
* Applied **BDD methodologies** by writing feature scenarios in Gherkin syntax and automating them with tools like **Cucumber** and **Selenium**, ensuring that delivered features met user expectations and business needs.
* Led the development of reusable, well-structured code and test artifacts, supported by automated testing with **Jenkins** as the foundation for continuous integration practices.
* Effectively applied the **Mockito** framework for comprehensive **JUnit** testing implementations.
* **Leveraged JUnit’s assertion framework** to perform precise validation of application behavior, enabling rapid identification and resolution of defects, and ensuring consistent, reliable software releases.
* Implemented **Entra ID** to have risk-based conditional access to enforce security policies based on user behavior and location, reducing unauthorized access.
* Developed backup recovery strategies for **MySQL** databases to ensure data integrity and minimal downtime.
* Implemented scalable and distributed **MongoDB database** solutions to manage large data volumes, ensuring optimal performance under heavy loads.
* Integrated **MongoDB databases** with **application APIs**, enabling seamless data interaction between applications and the database layer.

**Achievements:**

Successfully led the migration of on-premises infrastructure to Microsoft Azure, ensuring scalability and high availability while establishing Azure DevOps pipelines for efficient CI/CD processes. Developed dynamic user interfaces using React.js and implemented reusable components to enhance application performance. Leveraged Java 11 features and Hibernate caching strategies to optimize database performance. Implemented scalable MongoDB solutions for managing large data volumes, ensuring seamless integration with application APIs. Championed Agile methodologies, actively participating in Scrum practices to drive effective project analysis and design.

**Environment:** Agile, HTML5, CSS3, react JS, JavaScript, Java11, Spring MVC, RESTful, Microservices, Spring Boot, Hibernate, Azure, Kubernetes, Docker, JUnit, Mockito, Jenkins, MongoDB.

**Client: General Motors, India Mar 2018 to Aug 2019**

**Role: Full Stack Java Developer**

**Responsibilities:**

* I played a crucial role in all phases of the **Software Development Life Cycle (SDLC)**, utilizing **Java/J2EE** technologies to deliver high-quality web-based and client-server applications. My work included thorough development, design analysis, testing, and seamless integration to ensure top-notch software solutions.
* I enhanced user experience by designing intuitive interfaces using **React.js, Redux, Bootstrap, Gulp, HTML5, CSS3, and ES6**. By developing **React** components and employing **ES6** features, I modernized web applications and streamlined user interactions.
* Improved application responsiveness and data consistency by implementing **Redux** for state management, efficiently managing global state across components and reducing unnecessary re-renders with **ES6 features** and **React Hooks**.
* Leveraged Bootstrap and custom **CSS3** to create mobile-responsive, visually consistent interfaces across devices, while using **Gulp** for task automation, ensuring faster build processes and streamlined asset management.
* I improved application architecture by building **MVC frameworks** and leveraging **Service-Oriented Architecture (SOA)** principles. I developed robust **SOAP** web services and used **REST APIs** and **HTTP** requests for efficient microservices communication with **JSON** data formats.
* I utilized **Java 8 features**, including **Lambda expressions** and **Streams**, to optimize data processing, improve code readability, and reduce boilerplate code within backend applications. This allowed for more efficient processing of large data sets and the development of cleaner, more maintainable code that improved system performance.
* With deep expertise in the **Spring** ecosystem, I applied **Spring, Spring Batch, Spring AOP,** and **Spring JDBC** templates for backend system resilience. I also implemented Swagger in **Spring** **MVC** for **REST API** documentation and integrated **SOAP, XML,** and **XSLT** for comprehensive web services development.
* Utilized **Spring Batch** to develop robust batch processing jobs, ensuring efficient handling of high-volume data tasks, while leveraging **Spring AOP** for modularized cross-cutting concerns like **logging and security.**
* Integrated **Swagger** in **Spring MVC** to provide real-time **REST API** documentation, improving developer collaboration and API usability. Leveraged Spring’s support **for SOAP, XML,** and **XSLT** to enable seamless data transformation and interoperability across diverse platforms.
* I pioneered the implementation of microservices architecture using **Spring Boot**, improving service modularity and scalability. By deploying cloud-based solutions on **AWS**, I managed services like **EC2, S3,** and **RDS** while using **AWS** **Lambda** for dynamic **microservices**, optimizing performance and scalability.
* Used **Terraform** to automate the provisioning of infrastructure resources, ensuring rapid, reliable deployments and facilitating smooth scaling based on application needs.
* Created **modular Terraform** scripts for efficient and reusable infrastructure provisioning, improving deployment speed and reducing errors across development and production environments.
* Utilized **AWS CloudWatch** to track and analyze key application metrics, set up automated alerts, and create custom dashboards, enabling proactive monitoring, faster troubleshooting, and enhanced system reliability.
* **Integrated Kafka with various data processing systems** to facilitate seamless data flow across distributed applications, ensuring low-latency data delivery and improved system responsiveness.
* **Monitored Kafka clusters** using tools like Kafka Manager and Prometheus to track performance metrics, detect bottlenecks, and ensure the reliable operation of message queues in production environments.
* I led **DevOps** initiatives by leveraging **Docker** and **Kubernetes** for containerization and deployment across cloud environments. Additionally, I designed a **Continuous Integration (CI)** system using **Jenkins** and **GitHub,** ensuring efficient development workflows and task delivery.
* I managed databases using **Hibernate** as an **ORM** tool within the **Spring framework**, supporting database operations.
* Specialized in **MongoDB**, handling schema design and map-reduce functions, and managed migrations from **SQL** relational databases to **NoSQL** platforms like **MongoDB,** enhancing data management and application performance.
* **Optimized MongoDB performance** by designing efficient data models, implementing indexing strategies, and utilizing aggregation frameworks to handle complex queries and ensure high throughput in large-scale applications.

**Achievements:**

I spearheaded the integration of **Java/J2EE** and **React.js** technologies throughout the software development lifecycle, greatly improving user experience and operational efficiency, which led to the deployment of high-quality web applications with modernized interfaces. Additionally, I introduced a microservices architecture using **Spring Boot** and implemented strong **DevOps** practices, including a **CI/CD** pipeline with **Docker** and **Kubernetes** on **AWS**, significantly enhancing application scalability and accelerating deployment processes.

**Environment:**

React.js, Redux, Bootstrap, Gulp, HTML5, CSS3, ES6, UI/UX design, MVC frameworks, JSON, REST API, HTTP requests, Java8/J2EE, Spring Framework, Spring Boot, Spring Batch, Spring AOP, Spring JDBC, Spring MVC, Microservices, DevOps, CI/CD pipelines, Docker, Kubernetes, Jenkins, GitHub, Hibernate, MongoDB.

**Client: Mastercard, India Oct 2016- Feb-2018**

**Role: Jr Full Stack Developer**

**Responsibilities:**

* Proficient Full-stack Developer experienced in all phases of the **Software Development Life Cycle**, including requirements analysis, design, implementation, and maintenance within Agile and Daily Scrum environments.
* Skilled in **Object Oriented Software Development** (OOAD) with a focus on gathering, understanding, and documenting new business/technical requirements using **UML** tools from the **IBM** Rational suite.
* Developed User Interface Screens utilizing **Angular, Ajax, Bootstrap, JavaScript, and HTML** for effective presentation.
* Successfully transitioned from **Angular2** to **Angular4** to streamline code, enhance performance, and leverage the improved features of TypeScript for increased Type security and **NGC-Compiler** speed.
* Implemented **Angular 4** services utilizing the **HTTP module** to establish seamless communication with backend services, enabling efficient data retrieval and submission. This approach ensured smooth integration between the frontend and backend, improving the application's responsiveness and overall user experience.
* Proficient in creating custom directives, decorators, and services in **Angular4** to interface with various network services and applications, including legacy systems.
* Demonstrated expertise in the **Spring framework**, incorporating features like Dependency Injection, IOC, Annotations, Spring Security, Spring AOP, and Hibernate integration.
* Hands-on experience in implementing **Spring MVC framework** components such as controllers, Validators, models, and request mappings for all action URLs. Utilized Spring Security for robust application authentication and authorization.
* Utilized Hibernate annotations for class mapping in place of **XML** files, along with Hibernate for efficient data persistence. Implemented **Kafka** for storing audit logging messages in a **NO SQL database.**
* Used **GraphQ**L which is a **query language** for APIs and it helped clients to request specific data with a single endpoint, improving efficiency by enabling precise data retrieval and reducing the need for multiple API calls.
* Deployed **Spring Boot**-based microservices on **Docker** and **Amazon EC2** through the **AWS** admin console.
* Managed **S3buckets**, established policies, and utilized **S3 bucket** and backup functionalities on **AWS**.
* Proficient in **MVC** architecture, module development, controller creation, template design, custom directive implementation, and filter customization. Skilled in debugging and troubleshooting code using **Firebug** and Developer Tools.
* Implemented version control using **SVN** and employed **Jenkins** for continuous integration. Developed build and deployment scripts using **Ant and Maven** in a **UNIX** environment.
* Implemented backend services using **Node.js** to handle high-traffic, real-time data processing, optimizing performance through asynchronous programming and event-driven architecture, which significantly improved application responsiveness and scalability.
* Implemented asynchronous messaging using **Java Message Service (JMS)** for FTP communication between multiple applications aligned with business requirements. Utilized **JIRA** for bug tracking and user story creation.
* Practiced Test Driven development with frameworks like **JUnit, Mockito, and Easy Mock.**
* Developed service and boundary classes to facilitate necessary database calls.
* Designed and implemented Session **Facade, MVC, Front Controller,** and **DAO** design patterns.
* Utilized **Oracle 10g** as the back-end database for data storage and employed **SQL** Developer for data validation within **Oracle 10g** database tables.
* Developed and optimized complex **SQL queries,** indexes, and stored procedures within **Oracle 10g**, enhancing data retrieval speed and overall database performance for high-traffic applications.
* Conducted rigorous data validation and integrity checks using **SQL Developer,** verifying data accuracy across multiple tables and implementing data constraints to maintain consistency within **Oracle 10g.**

**Achievements:**

I enhanced application performance by 30% through the transition from Angular 2 to Angular 4, creating reusable components. Implementing Spring Security and Hibernate reduced vulnerabilities by 50% and improved response times by 25%. Deploying microservices on Docker and AWS EC2 achieved 99.9% uptime, while CI/CD pipelines with Jenkins reduced deployment time by 40%. Optimized database strategies and TDD led to 85% test coverage and faster query execution.

**Environment:**

HTML, CSS, Ajax, jQuery, JavaScript, Node.js, Angular 4/2, Java, Spring Framework, Java 1.6, Annotations, Spring Security, Spring AOP, Hibernate, Spring Boot, Docker, AWS, Kafka, Bash, Docker, Jenkins, Ant, Maven, SVN, UNIX, JIRA, JUnit, Mockito, Easy Mock, SQLite, Oracle 10g, SQL Developer.

**Client: Birla Soft India Jun 2014 to Sep 2016**

**Role: Java Developer**

**Responsibilities:**

* Gathered requirements, designed, analyzed, developed, and validated data, and performed system testing. Created Functional Specs and Design Specs with Use Cases and Data Modeling using **UML**.
* Developed web pages for multiple small-scale startups using **HTML, CSS, JavaScript, and Bootstrap.**
* Implemented responsive and dynamic UI components in **Angular2**, improving user experience and application performance while adhering to best practices for modularity and maintainability.
* Utilized **Spring Framework** along with **JSP, Servlets, HTML, CSS, and JavaScript** to develop dynamic web pages.
* Developed code for **Dispatcher Servlet** and Multi-Action Controller and implemented handler mapping using Simple URL Handler Mapping technique by extending the **Spring** package.
* Created complex stored procedures and integrated them into Cognos’ Framework Manager.
* Applied Object-Oriented Programming principles effectively in **Core Java** development.
* Performed both client-side and server-side validations.
* Contributed to portal design and participated in POCs for **UI/UX** design evaluations.
* Worked with **JPA frameworks**, including **JDO** and **Hibernate**, and utilized **IntelliJ IDE** for application development and deployment.
* Collaborated with the Nimsoft team to enable incident management by monitoring logs, databases, and servers, raising alerts based on thresholds.
* Developed **Maven** scripts to automate the compilation, deployment, and testing of **J2EE** applications.
* Presented key features of completed user stories to the product owner during show-and-tell sessions at the end of each sprint. Utilized **SQL** and **Oracle 9g** databases.

**Environment:**

HTML, CSS, SQL, Angular2, Oracle 9g, JavaScript, Bootstrap, Core Java, Object-oriented programming principles, JSP, Servlets, JPA (Java Persistence API) frameworks, JDO (Java Data Objects), Hibernate, Nimsoft, Maven, IntelliJ IDE.

**Education Details:** Bachelors – Guru Nanak Institutions, **Year -** 2014, **Major :** Computer Science.