**Java full stack developer**

**Shiva M**

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**Professional Summary**

Java Full Stack Developer with 10+ years of experience in software development, architecture, and deployment, covering all phases of the Software Development Life Cycle (SDLC) in Agile and Waterfall environments. Expertise in designing, developing, and maintaining scalable and high-performance applications in Security, Telecom, and financial domains.

* Backend Technologies: Proficient in Core Java, Java 8+, Spring Boot, Spring MVC, Spring Security, Hibernate, JPA, Microservices, RESTful & SOAP Web Services. Strong understanding of multithreading, collections, and functional programming (Streams, Lambda Expressions).
* Frontend Technologies: Experience with HTML5, CSS3, JavaScript, TypeScript, React.js, Angular, jQuery, AJAX, Bootstrap, Thymeleaf, and FreeMarker.
* Microservices & Cloud: Hands-on experience in developing Microservices architecture using Spring Boot and deploying applications on AWS, Azure, or Google Cloud. Familiar with Docker, Kubernetes, OpenShift, and cloud-native development.
* Messaging & Event Streaming: Experience with Kafka, RabbitMQ, JMS, and ActiveMQ for event-driven architecture and asynchronous processing.
* Databases: Expertise in Oracle, MySQL, PostgreSQL, MongoDB, and writing complex SQL queries, stored procedures, and triggers. Familiar with NoSQL databases like Cassandra and Redis.
* DevOps & CI/CD: Hands-on experience in Continuous Integration & Deployment (CI/CD) using Jenkins, GitHub Actions, Maven, Gradle, and Nexus. Experienced with containerization using Docker and orchestration with Kubernetes.
* Testing & Logging: Strong experience in JUnit, Mockito, TestNG, Cucumber (BDD), Selenium, and Postman for API testing. Expertise in logging and monitoring using Log4j, ELK Stack (Elasticsearch, Logstash, Kibana), and Prometheus-Grafana.
* Security & Authentication: Experience implementing OAuth2, JWT, SAML, LDAP, Spring Security, Keycloak, and other authentication mechanisms.
* Version Control & Collaboration: Proficient in Git, GitHub, GitLab, SVN, and working in collaborative environments using JIRA, Confluence, and Agile methodologies (Scrum, Kanban).
* Highly skilled in problem-solving, system design, performance optimization, and troubleshooting. A quick learner and adaptable to new technologies, ensuring fast, scalable, and secure software solutions.

**Technical Skills**

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| Category | Technologies |
| Languages | Java (8+), J2EE, C, C++, Python (Basic) |
| Backend Technologies | JDBC, Servlets, JSP, Java Beans, EJB, JMS, SOA, JPA, GraphQL |
| Frontend Technologies | JavaScript, TypeScript, React.js, Angular, AngularJS, jQuery, AJAX, CSS3, HTML5, Bootstrap, Tailwind CSS |
| Frameworks | Spring Boot, Spring MVC, Spring Security, Hibernate, JSF, Node.js, Express.js |
| Architecture & Design Patterns | Microservices, SOA, TOGAF, Core J2EE patterns (MVC, Value Object, Session Facade, Service Locator, DAO, Singleton, Business Delegate) |
| Cloud & DevOps | AWS (EC2, S3, Lambda, RDS), Azure, Google Cloud, Docker, Kubernetes, Terraform, OpenShift, Jenkins, GitHub Actions, CI/CD Pipelines |
| Testing & Automation | JUnit, Mockito, TestNG, Selenium, Postman, Cucumber (BDD), REST Assured, TDD |
| Messaging & Event Streaming | Kafka, RabbitMQ, ActiveMQ, JMS |
| Database | Oracle (9i/10g/11g), MySQL, PostgreSQL, SQL Server, MongoDB, Redis, Cassandra |
| Web Services & APIs | RESTful APIs, SOAP, JAX-RS, JAX-WS, JAXB, WSDL, OpenAPI, Swagger |
| Version Control | Git, GitHub, GitLab, SVN, CVS |
| Build & Dependency Management | Maven, Gradle, Ant |
| Logging & Monitoring | Log4J, SLF4J, ELK Stack (Elasticsearch, Logstash, Kibana), Prometheus, Grafana |
| Development Methodologies | Agile (Scrum, Kanban), Waterfall |
| Operating Systems | Windows, Linux, UNIX |
| IDE & Development Tools | Eclipse, IntelliJ IDEA, VS Code, NetBeans |

**PROFESSIONAL EXPERIENCE:**

**US bank – Charlotte NC. Jan 2024 to present**

**Senior Java/UI Developer**

**Key Responsibilities**:

* Worked in an **Agile SCRUM environment**, participating in iterative and incremental application development, including **daily stand-ups** and **client meetings**.
* Designed and developed **User Interaction screens** using **HTML5, CSS3, JavaScript**, **jQuery**, **AJAX**, **Bootstrap 4**, and **JSON** to deliver responsive and dynamic UIs.
* Installed and configured **Sun One** and **Apache 2.x Web Servers**, used as a **proxy plugin** for **WebLogic Server 10.0**, ensuring **load balancing, high availability**, and **failover functionality** during deployment.
* Utilized **Angular 2** to create **single-page applications (SPA)**, binding models to the **DOM** and synchronizing data with the backend server.
* Leveraged **AJAX** for seamless **front-end/user interface** features and dynamic content updates.
* Developed the **Node.js – Express.js server** for building the **MVC framework** from the front-end Angular 2 to the back-end services.
* Configured **Express.js** middlewares for handling **HTTP requests** and created **RESTful web services** using **Node.js**.
* Analyzed and refactored legacy **Node.js server structure**, mimicking the REST service using **Java JAX-WS API** and corresponding configurations.
* Employed **Karma** and **Jasmine** for **unit testing** Angular 2.0 applications, ensuring high-quality code.
* Implemented key **Microservices** architecture using **Spring IO**, **Spring Boot**, and **Hibernate ORM**, following **RESTful principles**.
* Developed **RFP microservices** leveraging **Spring Boot** and **Apache CXF** for service orchestration.
* Configured and deployed applications on **Apache Tomcat**, ensuring efficient operation and scalability.
* Utilized **JIRA** for project management, tracking **bugs**, **issues**, and project progress.

**Environment:** Angular 2.0, React JS, JavaScript, Node JS, Express JS, HTML5, CSS3, AJAX, Bootstrap 4, jQuery, Spring MVC, Spring Boot, Spring Security, Hibernate, Spring Data, Microservices, RESTful Services, Eclipse Java EE IDE Neon.3, Jenkins, GitLab, Log4j, MySQL, Apache Tomcat, JIRA.

**Broadridge Financial Solutions Inc                                         Aug 2021 to Dec 2023**

**Java/J2EE Developer**

**Key Responsibilities:**

* Worked in an **Agile** environment, actively participating in **scrum** activities including **sprint planning** alongside **Business Analysts** (BAs) and **Quality Assurance** (QA) teams.
* Collaborated in **group meetings** with teammates to implement performance improvements by optimizing the application design.
* Applied **Core Java** concepts such as **Object-Oriented Programming (OOP)**, **Collections Framework**, **Exception Handling**, **I/O System**, and **Multi-Threading** for enhanced system functionality.
* Analyzed **business requirements** and converted them into **technical specifications** to guide application development.
* Validated development environments, ensuring required resources (server locations, memory, firewall access, and Linux platform access) were available for smooth deployment.
* Designed and developed **web service providers** for applications to consume, leveraging **JAX-RS** for service exposure.
* Worked extensively with **EJBs**, **POJOs**, **SOA**, and **JMS** services.
* Developed RESTful services and consumed **REST-based microservices** using **Spring REST** and **Jersey** frameworks.
* Utilized **Spring Boot** to create stand-alone applications, implementing **Spring MVC** for robust service orchestration.
* Worked with **MVC architecture** including **Struts**, **JavaServer Faces (JSF)**, and **Spring** for front-end and back-end development.
* Designed the database schema, created tables, and wrote complex **SQL** queries and **stored procedures**.
* Participated in **Unit**, **Integration**, and **Performance Testing** to ensure quality in new features and system enhancements.
* Wrote **PL/SQL** queries, and implemented **SQL Server** stored procedures, functions, triggers, cursors, and other database objects.
* Managed and deployed applications on **WebSphere Application Server 8.5**, including creating **authentication aliases**, **JDBC providers**, and **data sources**.
* Deployed multi-module applications using **Maven** and integrated them with **Jenkins** for **Continuous Integration**.

**Environment:** J2EE, Java, Spring Framework, Spring Boot, Hibernate, Servlets, Eclipse, JDBC, Log4j, JUnit, Selenium, WebLogic, JAX-RS, GIT, AWS, Maven, SCRUM, PL/SQL, MongoDB, WebSphere.

**HCA Florida Healthcare, FL Feb 19 to July 21**

**Core Java Developer**

**Responsibilities:**

* Involved in **application design** using **UML** diagrams and implemented **Object-Oriented** (OO) concepts to ensure efficient architecture and modular design.
* Utilized **WebLogic Server** for both development and deployment, ensuring a scalable and stable runtime environment.
* Implemented **Model-View-Controller (MVC)** architecture using **Spring Framework**, enabling separation of concerns and facilitating testability.
* Extensively applied **Spring IOC (Inversion of Control)** and **Dependency Injection** for efficient object management and configuration of Singleton objects within the application context.
* Employed **DAO** and **Singleton** design patterns to enhance code reusability, scalability, and maintainability.
* Developed and maintained complex **Oracle PL/SQL** database objects, including **Tables**, **Views**, **Procedures**, and **Packages**.
* Wrote optimized **SQL** queries, incorporating **subqueries**, **joins**, and **PL/SQL programming** to support backend functionality.
* Configured **Log4j** for detailed logging of **debug**, **error**, and **info** messages to track application behavior and troubleshoot issues effectively.
* Designed and developed **JAXB** components for **data transfer objects** (DTOs), ensuring smooth XML data binding for communication across modules.
* Prepared **EJB deployment descriptors** using XML to ensure proper integration and deployment within Java EE environments.
* Adhered to **Java coding standards** for **scalability**, **reusability**, and **ease of maintenance** to ensure long-term sustainability of the codebase.
* Developed **XML Schema**, **XML templates**, and **XSL** to support data transformation and validation.
* Developed **Web Services** using **SOAP** and implemented **WS-Security** to ensure secure communication between systems.
* Worked within an **Agile** development environment, contributing to **sprint planning**, **daily standups**, and **collaborative development** with cross-functional teams.
* Ensured smooth deployment and integration by leveraging **Ant** for build automation and **Eclipse** as the primary IDE for development.
* **Spring Boot** for rapid microservice development and streamlined configuration.
* **JAX-RS** for RESTful web services to expose APIs efficiently.
* **JUnit** and **Mockito** for unit testing and ensuring code quality.
* **Git** for version control and **Jenkins** for Continuous Integration (CI) pipeline setup.
* **AWS** for cloud-based deployments and ensuring scalability of the application infrastructure.

**Environment:** Core Java, J2EE, Servlets, JDK, JDBC, Linux, Ant, Log4j, Spring MVC, Spring Boot, Spring Security, WebLogic, CSS3, Oracle 10g, PL/SQL Developer, Eclipse, JAX-RS, SOAP, WS-Security, JUnit, Git, Jenkins, AWS.

**Express Scripts - ST. Louis, MO Feb 17 to Jan 19**

**Java Developer**

**Key Responsibilities:**

* Involved in the **design of the application** using **UML** and adhering to **Object-Oriented (OO) principles**.
* Utilized **WebLogic Server** for development and deployment of the application.
* Implemented **Model-View-Controller (MVC)** architecture using the **Spring Framework**.
* Leveraged **Spring IOC (Inversion of Control)** and **Dependency Injection** to manage object creation and injection efficiently.
* Extensively used **Spring's Dependency Injection** and configured the **application context** to create **Singleton objects** for optimized resource management.
* Applied **DAO** and **Singleton** design patterns to ensure code reusability and modularity.
* Designed and developed **database objects** such as **Tables, Views, Procedures**, and **Packages** using **Oracle PL/SQL**.
* Wrote **SQL queries**, **sub-queries**, and **join conditions** to retrieve and manipulate data effectively.
* Configured **Log4j** for comprehensive logging across all modules to track **debug, error, and info** messages, ensuring effective monitoring of application behavior.
* Designed **JAXB components** for **transfer objects** and prepared **EJB deployment descriptors** using **XML** for efficient service management.
* Followed **Java coding standards** to ensure **scalability, reusability**, and **ease of maintenance** of the application.
* Created **XML Schema**, **XML templates**, and **XSL** for efficient data transformation.
* Developed **Web Services** using **SOAP** and integrated **WS-Security** for secure data transmission.
* Worked in an **Agile development process**, ensuring timely and collaborative delivery of application features

**Environment:** Core Java, J2EE, Servlets, JDBC, WebLogic, Spring Framework (MVC, IOC, Dependency Injection), Log4j, SOAP, WS-Security, JAXB, PL/SQL, Oracle 10g, Eclipse, Linux, Ant, XML, CSS3.

**Ayant Software PVT. Ltd.– Hyderabad, India May 15 to Apr 16**

**Java Developer**

**Project: GE Apollo Workstation**

**Key Responsibilities:**

* Developed and enhanced **Customer Service Module (CSM)** using **Java, J2EE, Struts, and JavaScript**.
* Implemented **front-end validation** using **JavaScript** and optimized UI performance.
* Integrated **Mercator (IBM WTX)** for seamless data exchange between **Apollo Workstation and Mainframes**.
* Developed **Servlets, JSPs, EJBs, DAOs**, and optimized **SQL queries & stored procedures** for backend processing.
* Created **UML diagrams (Use Cases, Class, Sequence)** and designed workflows following **Spring MVC architecture**.
* Conducted **unit testing using JUnit** and implemented **BDD testing with Cucumber**.
* Automated **build & deployment** using **Ant scripts**.
* Provided **production support**, tracked & resolved application defects using **Quality Center**.

**Environment:** Java, J2EE, Struts, JavaScript, Spring MVC, JUnit, Cucumber, Mercator (IBM WTX), JDBC, CVS, Ant, Eclipse, UML, MS Visio.

**Zen Tech Technologies, HYD, IND May 14 to Apr 15**

**Software Engineer**

**Key Responsibilities:**

* Involved in the **Analysis, Design, Implementation**, and **Testing** across all phases of the **Software Development Life Cycle (SDLC)**.
* Assisted the **analysis team** in performing **feasibility analysis** for the project.
* Developed the **presentation layer** using **HTML5, JSP 2.0, JSTL, and JavaScript**.
* Built the **business tier** with **Stateless and Stateful Session Beans** following **EJB 2.0** standards using **IBM WebSphere Studio Application Developer (WSAD 5.0)**.
* Applied **J2EE design patterns** such as **DTO, DAO, Business Delegate, Service Locator, Session Facade**, and **Singleton**.
* Consumed **Web Services** to transfer data between different applications.
* Integrated **Hibernate 3.0** for **Object/Relational Mapping (ORM)** and interfaced with **Oracle 9i** for database interactions.
* Used **IBM WebSphere 5.0** for both development and deployment, and created **Data Sources** for better resource management.
* Wrote **complex SQL queries**, **stored procedures**, **functions**, and **triggers** in **PL/SQL** for data manipulation.
* Configured **Log4J** for logging debug and error information across the application.
* Developed **Ant build scripts** for automated compilation and build processes.
* Deployed applications using **IBM WebSphere 5.0** and managed version control with **CVS**.
* Created **JUnit test cases** and **test suites** to ensure comprehensive application testing.
* Participated in **production support** and **maintenance** activities to ensure system stability.

**Environment:** HTML5, CSS3, Java, JSP, Servlets, XML, XSL, Struts, JavaScript, Apache Tomcat, Oracle 7.0, Eclipse, Windows NT, Hibernate, WebSphere 5.0, Log4J, CVS.