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**Name: SAHITHI BHAGAM**

**Senior Java Full Stack Developer**

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**Career Prologue:**

* Seasoned Senior Java Full Stack Developer with 10 years of experience, skilled in orchestrating end-to-end development lifecycles, leveraging Agile and SDLC best practices. Expert in Java, front-end technologies (React, Angular), and backend development with the Spring Framework. Proficient in container orchestration (Kubernetes), microservices, RESTful API design, and cloud platforms (Azure, AWS). Demonstrates command of CI/CD practices, comprehensive database management, and robust testing protocols for delivering high-quality, scalable software solutions.
* **SDLC Expertise:** Orchestrated holistic software development processes, meticulously navigating from inception, analysis, and design, right through to rigorous testing and deployment, cementing best practices at every phase of the software development life cycle.
* **Agile Mastery:** Proficient in Agile tenets, cultivating an environment of transparency, adaptive planning, and continuous improvement ensuring swift and value-driven project delivery.
* **Java Evolution Mastery:** Expertise in evolving landscape of Java with finesse, showcasing adeptness in leveraging the distinctive features and enhancements of Java versions 6, 7, 8, 11, and 14. This strategic utilization catalyzed the development of robust, scalable, and future-proof applications.
* **Frontend Excellence:** Forged immersive user experiences by leveraging avant-garde frameworks, notably React v17 and diverse Angular versions (1.5, 2 & 7) crafting interfaces that resonate with user needs and expectations.
* **Spring Framework Mastery:** Seamlessly interwoven the expansive Spring arsenal—ranging from Boot, MVC, and Data to Cloud and Security pioneering a robust backend landscape that's adaptable and resilient.
* **Container Orchestration:** Expertly orchestrates container deployments with Kubernetes to enhance application scalability and resilience, integrating Helm charts for streamlined management.
* **Microservices Development:** Masterminded a modular microservices blueprint, fostering systems characterized by granular scalability, ease of maintenance, and inter-service harmony.
* **RESTful API Expertise:** Conceived, fine-tuned, and documented formidable APIs with precision tools like Postman and Swagger, establishing seamless conduits for data and ensuring impeccable integration touchpoints.
* **Cloud Management:** Commanded the vast terrains of Azure and AWS, deploying solutions that exploit each platform's unique offerings, ensuring impeccable scalability, redundancy, and operational efficiency.
* **CI/CD Integration:** Skilled in dynamic CI/CD pipelines with the prowess of Jenkins and Docker, embedding automation and consistent deliverables into the software release fabric.
* **Hibernate Integration:** Harmoniously integrated Hibernate ORM, sculpting data landscapes that promise efficiency, accuracy, and seamless relational mapping.
* **Build Tools Proficiency:** Championed a gamut of build tools, from Maven and Gradle to Ant, ensuring streamlined software assembly, immaculate packaging, and frictionless deployment.
* **IDE Expertise:** Demonstrated versatility across a plethora of integrated development environments such as Eclipse, IntelliJ IDEA, Visual Studio Code, and NetBeans, each time harnessing their distinct arsenal to enhance code quality, streamline debugging, and expedite testing.
* **Application Server Mastery:** Extensive expertise in applications on an assortment of servers such as Apache Tomcat, WebSphere, JBoss, and Nginx, ensuring high performance, consistent uptime, and robust security measures.
* **Messaging Systems Expertise:** Skilled in messaging tools including RabbitMQ, Apache Kafka, ActiveMQ, and JMS for robust, real-time data communication and processing.
* **Database Mastery:** Skilled in a variety of databases, including SQL: MySQL, PostgreSQL v10, Oracle 12c, MS SQL server 11 and NoSQL: MongoDB v4.4, Cassandra v3.0, Redis, ensuring data integrity, performance, and scalability.
* **Version Control Proficiency:** Mastered an array of version control systems including Git, Subversion (SVN), Mercurial (Hg), GitHub and CVS, cultivating a culture of collaborative development and ensuring smooth integration and version tracking across various project phases.
* **Bug Tracking Skills:** Utilized a broad array of bug tracking tools such as JIRA, Bugzilla, Redmine, and Mantis, ensuring that defects are promptly detected, meticulously documented, and resolved efficiently to maintain software integrity and performance.
* **Testing Prowess:** Embarked on rigorous testing odysseys using tools like JUnit, Cucumber and Selenium, relentlessly pursuing software that stands tall on quality, functionality, and user congruence.
* **Logging Frameworks Proficiency:** Mastered the implementation and configuration of advanced logging frameworks like Log4j, SLF4J, Logback, and the ELK stack, providing comprehensive insights into application performance, facilitating rapid anomaly detection, and streamlining debugging processes.

**Tech Proficiencies:**

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| **Programming Languages** | Java (versions 6, 7, 8, 11, 14) |
| **Frontend Frameworks** | React v17, Angular (versions 1.5, 2 & 7) |
| **Backend Frameworks & Tools** | Spring: Boot, MVC, Data, Cloud, Security, Hibernate ORM |
| **Container Orchestration & Microservices** | Kubernetes, Docker |
| **API Development & Testing** | RESTful APIs, Postman, Swagger |
| **Cloud Platforms** | Azure, AWS |
| **CI/CD Integration** | Jenkins, Docker |
| **Build Automation Tools** | Maven, Gradle, Ant |
| **Integrated Development Environments (IDEs)** | Eclipse, IntelliJ IDEA, Visual Studio Code, NetBeans |
| **Application Servers** | Apache Tomcat, WebSphere, JBoss, Nginx |
| **Messaging Systems** | RabbitMQ, Apache Kafka, ActiveMQ, JMS |
| **Databases** | SQL: MySQL, PostgreSQL v10, Oracle 12c, MS SQL, NoSQL: MongoDB v4.4, Cassandrav3.0, Redis |
| **Version Control Systems** | Git, Subversion (SVN), Mercurial (Hg), CVS |
| **Bug Tracking Systems** | JIRA, Bugzilla, Redmine, Mantis,Git Hub |
| **Testing Tools & Frameworks** | JUnit, Selenium, Cucumber |
| **Logging Frameworks** | Log4j, SLF4J, Logback, ELK Stack. |

**Academic Qualifications:**

* Bachelors in Computer Science

**Professional Endorsements:**

* Microsoft Azure Solutions Architect
* AWS Certified Developer

**Employment History:**

**Client: Wex Inc, Portland, ME Duration: January 2022- Till date**

**Senior Java Full Stack Developer**

**Functional Role Details:**

* **SDLC Management:** Leveraged comprehensive understanding of the Software Development Life Cycle (SDLC) to manage projects from initial analysis and design through to completion, ensuring all software solutions met the highest standards of quality.
* **Agile Methodology Leadership:** Championed Agile methodologies, leading sprint planning, stand-ups, and retrospectives to ensure continual improvement and efficient delivery of software features.
* **Advanced Java Development:** Developed and maintained complex applications using Java 11 & 14, incorporating modern features and enhancements to improve application performance and maintainability.
* **Frontend Development and Design:** Designed and implemented responsive, user-centric frontends using React v17, adhering to modern web standards and best practices to ensure a seamless user experience.
* **Spring Framework Expertise:** Utilized the Spring Framework extensively to create robust and scalable backend systems, employing Spring Boot, Spring MVC, and Spring Security to ensure comprehensive application functionality.
* **Container Orchestration with Kubernetes:** Orchestrated containerized application deployment and management using Kubernetes, optimizing resource utilization and simplifying scaling and maintenance operations.
* **Microservices Architecture Implementation:** Designed and implemented a microservices architecture, ensuring each service was loosely coupled, independently deployable, and organized around specific business capabilities.
* **RESTful API Development:** Developed and maintained RESTful APIs, ensuring they were well-documented, easy to consume, and met the rigorous requirements of both internal and external stakeholders.
* **Cloud Solutions with Microsoft Azure:** Leveraged Microsoft Azure cloud services for deploying scalable, high-availability applications, utilizing a range of services including Azure Kubernetes Service (AKS) and Azure DevOps.
* **CI/CD Pipeline Automation:** Engineered and maintained CI/CD pipelines using Jenkins and Docker, significantly reducing deployment times and improving the reliability of software releases.
* **Hibernate ORM Integration:** Implemented Hibernate ORM for efficient database communication and manipulation, significantly enhancing application performance and data consistency.
* **Build Management with Maven:** Managed project builds and dependencies using Maven, streamlining the development process and ensuring consistent builds across environments.
* **IDE Proficiency with Eclipse:** Utilized Eclipse as the primary IDE, enhancing development productivity through its powerful coding, debugging, and testing features.
* **Application Server Management with JBoss:** Administered and optimized JBoss application server for deploying enterprise-grade applications, ensuring high performance and stability.
* **Messaging Systems Integration using ActiveMQ:** Integrated ActiveMQ for reliable messaging between distributed system components, enhancing the asynchronous communication and resilience of the applications.
* **NoSQL Database Management with MongoDB:** Managed application data using MongoDB v4.4 implementing NoSQL database solutions that provided high performance, automatic scaling, and flexibility in handling diverse data types.
* **Version Control with Git:** Utilized Git for version control, enabling efficient collaboration across the development team and maintaining a comprehensive history of code changes.
* **Project Management with Jira:** Managed project tasks, sprints, and issues using Jira, facilitating clear communication, effective planning, and timely resolution of impediments.
* **Quality Assurance through JUnit Testing:** Ensured the highest quality of code by writing and maintaining comprehensive unit tests using JUnit, reducing bugs and ensuring that features met their specifications.
* **Logging Framework Implementation with Log4j:** Configured and utilized Log4j for application logging, enabling effective monitoring and troubleshooting through comprehensive log management.

**Tech Ambience:** Java 11 & 14, Spring Boot, Spring MVC, and Spring Security, Hibernate, Kubernetes, React v17, Microservices, RESTful APIs, Microsoft Azure, CI/CD (Jenkins, Docker), Maven, Eclipse, JBoss, ActiveMQ, MongoDB v4.4, Git, Jira, JUnit, and Log4j.

**Client: Societe Generale, Chicago, IL Duration: September 2019-December 2021**

**Java Full Stack Developer**

**Functional Role Details:**

* **SDLC Management:** Spearheaded comprehensive SDLC processes, from requirement analysis and system design to development and testing, ensuring adherence to best practices and quality standards.
* **Agile Methodology:** Championed Agile methodologies, facilitating rapid iteration, continuous integration, and a collaborative approach to problem-solving.
* **Java 8 Expertise:** Leveraged Java 8 features to build robust backend systems, utilizing lambdas and streams for more efficient and readable code.
* **Frontend Development:** Designed and implemented dynamic user interfaces with Angular v7, creating engaging and responsive web applications.
* **Spring Framework Proficiency:** Leveraged the entire Spring ecosystem, including Spring Boot, MVC, Security, Data, and Cloud, to develop scalable and modular backend services with optimized dependency injection and aspect-oriented programming.
* **Kubernetes Orchestration:** Orchestrated containerized applications with Kubernetes, ensuring high availability, load balancing, and seamless scaling.
* **Microservices Architecture:** Built and maintained microservices, enhancing system modularity and facilitating independent deployment and scaling.
* **REST API Design & Testing:** Crafted high-performance RESTful APIs, utilizing Postman for comprehensive testing and interface documentation.
* **Azure Cloud Solutions:** Deployed and managed applications on Microsoft Azure, leveraging cloud services for improved scalability and resilience.
* **CI/CD Implementation:** Automated build, test, and deployment processes with Jenkins and Docker, accelerating release cycles and ensuring consistent delivery.
* **Hibernate ORM Integration:** Integrated Hibernate ORM for efficient database operations and object-relational mapping, enhancing data access and manipulation.
* **Build Management with ANT:** Managed and automated build processes using ANT, optimizing compilation, testing, and deployment procedures.
* **IntelliJ IDE Mastery:** Utilized IntelliJ IDEs for comprehensive development support, enhancing productivity and code quality through intelligent coding assistance.
* **Tomcat Server Administration:** Configured and managed applications on Apache Tomcat, ensuring optimal server performance and reliability.
* **Kafka Messaging System:** Implemented Kafka for reliable, high-throughput messaging, facilitating real-time data processing and distributed system communication.
* **Advanced PostgreSQL Database Management:** Administered PostgreSQL v10 databases, excelling in complex query optimization, strategic schema design, and robust data integrity practices to ensure exceptional performance and reliability.
* **Version Control with GitHub:** Utilized GitHub for version control, fostering collaborative development and effective code management.
* **Bug Tracking with Bugzilla:** Managed software bugs and issues using Bugzilla, ensuring timely identification, tracking, and resolution.
* **Behavioral Testing with Cucumber:** Employed Cucumber for behavior-driven development (BDD), writing understandable tests that validate application behavior.
* **Logging with SLF4J:** Implemented SLF4J for flexible logging, enabling efficient monitoring, troubleshooting, and auditing of application logs.

**Tech Ambience:** Java 8, Spring Boot, Spring MVC, Spring Security, Spring Data, Spring Cloud, Hibernate ORM, Kubernetes, Angular v7, Microservices Architecture, REST API (Postman), Microsoft Azure, Jenkins, Docker, ANT, IntelliJ IDEs, Apache Tomcat, Apache Kafka, PostgreSQL v10, GitHub, Bugzilla, Cucumber, SLF4J.

**Client: Availity, Florida Duration: December 2017- August 2019**

**Java Full Stack Developer**

**Functional Role Details:**

* **Agile Methodology:** Advocated for and implemented Agile methodologies, fostering a flexible and iterative development environment that emphasizes collaboration and customer satisfaction.
* **Java 7 Proficiency:** Developed complex back-end systems and APIs using Java 7, optimizing code for performance and maintainability.
* **Frontend Development with Angular v2:** Engineered responsive and intuitive user interfaces using Angular v2, enhancing user experience through modern web practices.
* **Spring Framework Mastery:** Leveraged Spring Boot, MVC, Security, Data, and Cloud within the Spring ecosystem to develop robust, modular backend services with enhanced security and microservices architecture.
* **Kubernetes Orchestration:** Orchestrated containerized microservices with Kubernetes, ensuring scalable, resilient, and efficient application deployment and operation.
* **Microservices Architecture:** Designed and developed microservices-based architectures, promoting system scalability, resilience, and independent service deployment.
* **RESTful API Design & Swagger Documentation:** Created high-performance REST APIs, leveraging Swagger for comprehensive API documentation and interface testing.
* **AWS Cloud Deployment:** Managed and deployed applications in the AWS cloud environment, utilizing its services for enhanced scalability, availability, and performance.
* **CI/CD with Jenkins and Docker:** Architected and maintained CI/CD pipelines using Jenkins and Docker, ensuring rapid and reliable software delivery and deployment.
* **Hibernate ORM Integration:** Implemented Hibernate ORM for streamlined database interactions and effective object-relational mapping, improving data access and persistence.
* **Build Automation with Gradle:** Automated build and deployment processes using Gradle, enhancing development efficiency and ensuring consistent build quality.
* **Development with NetBeans:** Utilized NetBeans IDE for comprehensive software development support, enhancing productivity and ensuring high code quality.
* **WebSphere Server Management:** Configured and managed applications on IBM WebSphere, ensuring high performance and robust application server management.
* **Messaging with JMS:** Implemented Java Message Service (JMS) for reliable asynchronous communication between different components of the application.
* **Cassandra Database Expertise:** Managed and optimized Cassandra NoSQL databases v3.0 focusing on achieving high availability, scalability, and enhanced performance for large-scale data solutions.
* **Version Control with SVN:** Utilized Subversion (SVN) for version control, managing code versions and collaborating effectively across development teams.
* **Issue Tracking with Redmine:** Employed Redmine for bug and issue tracking, ensuring efficient identification, documentation, and resolution of software defects.
* **Testing with Selenium:** Conducted thorough automated testing of web applications using Selenium, ensuring functionality aligns with user requirements and quality standards.
* **Logging with Logback:** Implemented Logback for logging, enabling efficient application monitoring, troubleshooting, and performance analysis.

**Tech Ambience:** Java 7, Spring Boot, MVC, Security, Data, Cloud, Hibernate ORM, Kubernetes, Swagger, Angular v2, AWS, Jenkins, Docker, Gradle, NetBeans, WebSphere, JMS, Cassandra v3.0, SVN, Redmine, Selenium, Logback.

**Client:** **Enthsquare** **Inc. – Hasbrouck Heights, NJ Duration: December 2016- November 2017**

**Java Developer**

**Functional Role Details:**

* **Agile Methodology Implementation:** Championed and implemented Agile methodologies, promoting a collaborative, adaptive development environment with a focus on continuous improvement and customer value delivery.
* **Java 6 Expertise:** Developed and maintained complex backend systems using Java 6, optimizing performance and ensuring robust, maintainable code.
* **Frontend Development with Angular v1.5:** Engineered responsive user interfaces employing Angular v1.5, enhancing user interaction and providing a modern web experience.
* **Spring Framework Tools Mastery:** Utilized Spring Framework tools including Spring Boot, MVC, and Security to build scalable, secure, and efficient backend services.
* **Kubernetes Container Orchestration:** Orchestrated microservices and containerized applications using Kubernetes, ensuring scalability, self-healing, and streamlined deployment processes.
* **RESTful API Development & Swagger Integration:** Designed and built high-performance RESTful APIs, incorporating Swagger for comprehensive API documentation and testing.
* **AWS Cloud Services Deployment:** Deployed applications and managed services on AWS, leveraging its robust, scalable infrastructure for optimal app performance.
* **Hibernate ORM Implementation:** Integrated Hibernate ORM for streamlined database interactions and efficient object-relational mapping, enhancing data manipulation and access.
* **Development with Visual Studio Code:** Utilized Visual Studio Code for full-stack development, taking advantage of its extensive extensions and debugging tools for improved coding efficiency.
* **Web Server Management with Nginx:** Configured and maintained Nginx web servers, ensuring high performance, reliable reverse proxy capabilities, and efficient load balancing.
* **Messaging with ActiveMQ:** Implemented ActiveMQ for reliable message brokering, facilitating decoupled communication and effective integration across services.
* **Oracle Database Administration:** Managed Oracle 12c databases, excelling in complex query optimization, advanced data modeling, and robust security measures to ensure data integrity and protection against breaches.
* **Version Control with CVS:** Employed Concurrent Versions System (CVS) for version control, managing code revisions and supporting collaborative development efforts.
* **Issue Tracking with Mantis:** Leveraged Mantis for bug and issue tracking, maintaining clear documentation of issues and overseeing their timely resolution.
* **Logging and Analysis with Logface:** Utilized Logface for advanced logging, monitoring, and analysis, ensuring high application reliability and facilitating prompt issue resolution.

**Tech Ambience:** Java 6, Spring Tools: including Spring Boot, MVC, Security, Hibernate ORM, Kubernetes, Swagger, Angular v1.5, AWS, Visual Studio Code, Nginx, ActiveMQ, Oracle 12c, CVS, Mantis, Logface.

**Client: TechSophy, Hyderabad, India** **Duration: July 2012- October 2016**

**Java Developer**

**Functional Role Details:**

* **Java 6 Proficiency:** Utilized Java 6 for backend development, implementing core functionalities and algorithms to optimize application performance and stability.
* **Frontend Development:** Crafted interactive and user-friendly web interfaces using HTML, CSS, and JavaScript, ensuring cross-browser compatibility and responsive design.
* **Spring Tools Utilization:** Expertly employed Spring tools such as Spring Boot and Spring MVC to develop scalable and secure backend services, facilitating smooth integration with frontend components.
* **Kubernetes Orchestration:** Orchestrated and managed containerized applications with Kubernetes, optimizing resource utilization and ensuring high availability and scalability.
* **RESTful API Development:** Designed and implemented RESTful APIs with Swagger documentation, enabling seamless and structured communication between frontend and backend systems.
* **Hibernate ORM Integration:** Leveraged Hibernate ORM for object-relational mapping, enhancing database operations and improving data query and transaction efficiency.
* **Visual Studio Code Usage:** Adopted Visual Studio Code as the primary IDE, streamlining coding with its powerful debugging and version control integrations.
* **Nginx Configuration:** Configured Nginx to serve as a reverse proxy and load balancer, improving web server performance and reliability.
* **ActiveMQ Messaging:** Implemented ActiveMQ for robust message-oriented middleware, facilitating asynchronous communication across distributed systems.
* **SQL Server Management:** Developed and optimized SQL Server 11 queries and stored procedures, enhancing application performance and data management.
* **Version Control with CVS:** Employed Concurrent Versions System (CVS) for version control, maintaining a structured and accessible codebase for collaborative development.
* **Issue Tracking with Mantis:** Utilized Mantis for tracking and managing bugs and issues, ensuring prompt resolution and continuous improvement of software quality.
* **Logging with Logface:** Implemented Logface for application logging and monitoring, providing insights into system behavior and aiding in the prompt diagnosis of potential issues.

**Tech Ambience**: Java 6, Spring Boot, Spring MVC, Kubernetes, Swagger, Hibernate ORM, HTML, CSS, JavaScript, Visual Studio Code, Nginx, ActiveMQ, SQL Server 11, CVS, Mantis, Logface.