

**P Surya**

**Java Full Stack Developer**

**(551)900-0011**

**p.surya6767@gmail.com**

**https://www.linkedin.com/in/surya-p-50a6145b/**

**Professional Snapshot:**

* Seasoned **Senior Java Full Stack Developer** with **10**+ years of experience, proficient in the full **SDLC**, adept at crafting responsive UIs with cutting-edge technologies and frameworks. Demonstrated mastery in **SOA**, **Microservices** and **API** integration across cloud platforms like **AWS** and **Azure**. Proficient in leveraging advanced messaging systems, CI/CD workflows, **ORM** integrations and multiple **IDEs**.
* **SDLC Mastery**: Command over all stages of the **Software Development Life Cycle**, from intricate analysis to steadfast design, implementation and beyond, guaranteeing software precision and punctual delivery within project schedules.
* **Agile Methodologies**: Proven advocate for **agile** practices, infusing iterative development, persistent feedback and elevated team synergy to expedite the software delivery process.
* **Core Java Expertise**: Deep-seated knowledge in **Core** **Java**, skillfully integrating features from **Java** **11** and **Java** **8**, utilizing advancements like **lambda** **expressions** and **Stream** **API** to boost code efficiency and maintainability.
* **Frontend Proficiency:** Proficient in utilizing a range of modern frontend tools and technologies, including **HTML5**, **CSS3**, **JavaScript**, **React**.**js**, **Angular**, **Vue**.**js**, **Bootstrap**, **jQuery** and **Sass**, to create dynamic, user-centric interfaces that ensure seamless user experience and perfect harmony with backend functionalities.
* **Spring Framework Authority:** Extensive experience utilizing the **spring** **ecosystem**, adept at harnessing tools like **Spring** **Boot**, **Spring** **Security**, **Spring** **Data**, **Spring** **MVC** and **Spring** **Cloud** to facilitate efficient, secure and scalable application development. Proficient in the Spring Tool Suite (STS) for enhanced project management, ensuring streamlined development processes from inception to deployment.
* **Kubernetes Command**: Proficiency in utilizing **Kubernetes** for streamlined container orchestration, simplifying deployment, scaling and management processes in **Microservices** architecture, thereby fortifying system robustness and expandability.
* **Microservices Structure**: Demonstrated expertise in building and managing **Microservices**, ensuring system flexibility and enhancing overall application resilience and scalability.
* **REST & API Design Skill**: designing and deploying **RESTful** **services**, affirming system component interoperability, fluid data interchange and compliance with established industry norms.
* **Cloud Integration**: Skilled at leveraging cloud platforms such as **AWS** and **Azure**, optimizing aspects like application hosting, storage and scalability, while employing services like **AWS** **EC2**, **Amazon** **S3** and **Azure** **Virtual** Machines.
* **CI/CD Acumen**: Extensive experience in orchestrating **CI**/**CD** pipelines with tools like **Jenkins** and **Docker**, automating an array of operations from builds to deployments, assuring uniform and prompt software deliveries.
* **Hibernate Mastery**: Proficient in employing **Hibernate** for sophisticated **ORM** capabilities, ensuring seamless database transactions and maintaining data consistency and reliability.
* **Build Tools Expertise**: Hands-on experience with **ANT**, **Maven** and **Gradle** for automating builds, enhancing project streamline and dependency management.
* **IDEs Proficiency**: Proficient in leveraging integrated development environments (**IDEs**) such as **Eclipse**, **IntelliJ** **IDEA** and **NetBeans**, enhancing various development phases from coding to testing and deployment.
* **Application Server Management**: Expert in administering applications across multiple servers including **Apache** **Tomcat**, **JBoss, WebLogic** and **IBM** **WebSphere**, guaranteeing optimal performance, security and near-perfect system availability.
* **Messaging Systems Knowledge**: Competent in integrating messaging systems like **JMS**, **RabbitMQ**, **Active MQ** and **Apache** **Kafka**, enabling real-time data processing and bolstering event-driven architecture.
* **Database Expertise**: Versatility across various database systems, ranging from traditional setups like **MySQL**, **PostgreSQL** and **Oracle** to NoSQL variants including **MongoDB** and **Cassandra**.
* **Version Control Systems**: Proficient in version control using **SVN, Git Lab, Mercurial** and **Git** (inclusive of platforms like **GitHub** and **Bitbucket**), ensuring streamlined versioning and team collaboration.
* **Bug Tracking & Quality Assurance**: Mastery in utilizing bug tracking tools such as **JIRA**, **Bugzilla**, **Trello** and **Redmine**, coupled with a rigorous approach to logging and resolving software defects, thereby upholding software quality.
* **Testing Frameworks**: Skilled in constructing and conducting test cases using frameworks like **JUnit**, **TestNG**, **Selenium** and **Mockito**, validating software functionality and robustness.
* **Logging Framework Integration**: Experienced in integrating logging frameworks such as **Log4j**, **SLF4J, LogFaces** and **Logback**, improving application diagnostics, efficient monitoring and rapid issue troubleshooting.
* **Web-Based Application Expertise:** Excel in developing high-performance web applications, leveraging **ASP.Net**, **C#.NET**, .**NET** **CORE** **3**.**1**, Entity Framework **Core**, **ADO.Net**, **Web** **API**, **IIS**, **JavaScript** and **LINQ**, to deliver user-centric, efficient and scalable solutions.
* **Advanced Design Patterns Mastery:** Skillfully employ .**NET/.NET** **Core** design patterns, specializing in Dependency Injection and Singleton, to enhance application architecture flexibility, scalability and dependency management.

**Academic Qualifications:**

* Bachelor of Technology in Computer Science, India.

**Qualification Badges:**

* AWS Certified Developer associate.
* Microsoft Certified Azure Solutions Architect.
* Oracle Certified Professional Java SE 8 Programmer

**Career Journey:**

**KeyBank, Cleaveland, OH**

**Sr. Java Full Stack Developer Oct 2021- Present**

**Core Project Tasks:**

* **SDLC Participation**: Governed and contributed to all phases of the Software Development Life Cycle (**SDLC**), ensuring the creation of secure and compliant banking applications from conceptual design to post-deployment monitoring.
* **Agile Methodology**: Spearheaded Agile practices, fostering iterative development and continuous feedback, ensuring the timely rollout of banking features compliant with financial regulations.
* **Java Development**: Architected and implemented robust banking solutions leveraging **Java 11**, focusing on secure, optimized and scalable code practices to handle sensitive financial transactions.
* **Frontend Development**: Entrusted with sculpting intuitive and secure user interfaces using advanced frameworks such as **HTML5, CSS3, JavaScript and** **React JS**. Ensured secure state management using React's built-in state, props and **Redux** to handle sensitive customer data seamlessly.
* **API Enhancement**: Harnessing **Java 11**'s advanced features, optimized banking API functionality, focusing on secure data transfer and enhanced banking services.
* **Spring Framework Utilization**: Implemented key spring tools—**Spring Boot, Spring Security and** **Spring Data JPA**—specifically tailored for the banking sector, emphasizing secure transactions and data protection.
* **Kubernetes Orchestration**: Streamlined the deployment and management of banking microservices with **Kubernetes**, ensuring high availability even during peak financial transactions.
* **Microservices Management**: Pioneered the **Microservices** architecture to modularize banking functionalities, from account management to loan processing, facilitating ease of upgrades and regulatory compliance.
* **RESTful Services Creation**: Orchestrated secure and compliant **RESTful APIs** for seamless banking operations, prioritizing encrypted data exchange and interoperability.
* **Azure Deployment**: Overseen the fortified deployment of banking applications on **Azure**, capitalizing on Azure's security offerings like **Azure DevOps, App Services, AKS and** **CDN** for optimal transactional performance.
* **CI/CD Implementation**: Configured banking-specific **CI/CD** pipelines with **Jenkins** and **Docker**, ensuring automated, secure and compliant software deployments.
* **Hibernate ORM Management**: Enhanced banking database interactions with **Hibernate ORM**, ensuring ACID compliance and transactional integrity.
* **Build Management with ANT**: Leveraged **ANT** for automating build processes, ensuring the timely and secure release of banking modules. ⮚ **Development in IntelliJ IDEA**: Adopted **IntelliJ IDEA** for crafting high-quality banking code, emphasizing security and efficiency.
* **Tomcat Server Administration**: Ensured banking applications on **Apache Tomcat** met industry-standard security, performance and uptime requirements.
* **Messaging with Kafka**: Incorporated **Apache Kafka** for real-time financial messaging, catering to instantaneous transaction notifications and high-volume trade activities.
* **DynamoDB Database Management**: Oversaw encrypted and secure interactions with **DynamoDB**, guaranteeing a highly performative and scalable database system for sensitive banking data.
* **Version Control with Git**: Fostered collaboration and ensured version consistency across banking projects using **Git**, adhering to strict code quality standards for financial software.
* **Issue Tracking with Jira**: Employed **Jira** for meticulous tracking of banking-related issues, ensuring rapid resolution and adherence to compliance standards.
* **Testing with JUnit**: Ensured banking software's integrity and security through comprehensive testing strategies using **JUnit**, mitigating risks associated with financial transactions.
* **Logging with Log4J**: Incorporated **Log4J** for scrutinized logging, ensuring traceability, quick issue resolution and maintaining the high reliability demanded by the banking sector.

**Infrastructure Details:** Java 11, React.js, HTML5, CSS3, JavaScript, Spring Boot, Spring Security, Spring Data JPA, Kubernetes, Microservices, RESTful Services, Azure, Jenkins, Docker, Hibernate, ANT, IntelliJ IDEA, Apache Tomcat, Apache Kafka, DynamoDB, Git, Jira, JUnit, Log4J.

**Transamerica, Chicago, IL**

**SR. Java Full Stack Developer March 2019- Sep 2021**

**Core Project Tasks:**

* **SDLC Management:** Directed end-to-end stages of the **Software Development Life Cycle**, from intricate system analysis to strategic design, fortifying the production of dependable, high-caliber software applications tailored for the healthcare domain.
* **Agile Leadership:** Helmed **Agile methodologies**, seamlessly guiding the team through iterative cycles, ensuring fluidity in adaptive planning and promoting a culture of early delivery and relentless enhancement.
* **Java Expertise:** Deployed deep-seated **Java** acumen to fabricate scalable software constructs, ensuring code elegance and maintainability, essential for healthcare systems' rigorous standards.
* **Frontend Excellence:** Integrated state-of-the-art technologies, notably **Node.js**, to orchestrate responsive and patient-friendly user interfaces, facilitating effortless user engagements.
* **Mastery of Spring Ecosystem:** Demonstrated prowess with contemporary **Spring** modules, innovating with reactive solutions and continuously aligning with healthcare application benchmarks.
* **Kubernetes Proficiency:** Championed container orchestration using **Kubernetes**, optimizing deployment paradigms and fortifying system resilience, vital for the health informatics landscape.
* **Microservices Blueprint:** Conceptualized and operationalized **Microservices**, compartmentalizing the application for modular, independent and efficient development—a crucial approach for adaptable healthcare platforms.
* **REST & API Paradigms:** Spearheaded **RESTful API** development, ensuring seamless and secure data interoperability, a linchpin in healthcare ecosystems.
* **AWS Expertise:** Supervised end-to-end deployments on **AWS**, harnessing its diverse suite to enhance the scalability and security of healthcare applications.
* **DevOps Mastery:** Pioneered **CI/CD** pipelines with **Jenkins** and **Docker**, laying the groundwork for consistent, reliable releases a necessity for medical software's evolving demands.
* **Database and Middleware Excellence:** Deployed **Hibernate** and **Cassandra** for optimal data operations, integrated **RabbitMQ** for asynchronous communication and finessed application tuning on **WebLogic** all vital cogs for handling sensitive healthcare data.
* **Development and Quality Assurance:** Utilized **NetBeans** for refined code craftsmanship, coupled with **Mockito** for rigorous testing ensuring the highest standards of accuracy and reliability, paramount in healthcare systems.
* **Collaboration & Tracking:** Managed version control using **SVN** and adeptly navigated issue tracking with **Redmine**, underpinning project transparency and collaboration.
* **Logging & Debugging:** Leveraged **Logback** for intricate logging, ensuring swift issue detection and resolution, critical for maintaining uninterrupted healthcare services.

**Infrastructure Details:** Software Development Life Cycle (SDLC), Agile methodologies, Java, Node.js, Spring, Kubernetes, RESTful API, AWS, Jenkins, Docker, Hibernate, Cassandra, RabbitMQ, WebLogic, NetBeans, Mockito, SVN, Redmine, Logback.

**Cigna, Atlanta, GA**

**Sr. Java Full Stack Developer Sep 2016- Feb 2019**

**Core Project Tasks:**

* **Clinical System Development Cycle (CSDC), Analysis, Design**: Oversee every aspect of the Clinical System Development Cycle, starting from in-depth patient data analysis to strategic design, ensuring the rollout of dependable and high-performing clinical software applications.
* **Agile Methodologies in Healthcare**: Lead **Agile methodologies** within the clinical team, guiding through sprints, stand-ups and retrospectives, ensuring adaptive planning, evolutionary development and continuous improvement in patient care processes.
* **Java for Medical Applications**: Harness **Java** expertise to build efficient and scalable healthcare software solutions, following best practices to ensure secure patient data handling.
* **Patient Interface Development**: Utilize advanced technologies, including **Node.js**, to craft high-performance patient interfaces, guaranteeing smooth user experiences during medical consultations.
* **Spring Ecosystem for Clinical Systems**: Deploy the latest **Spring modules** Spring Boot, Spring Security and Spring Cloud to design scalable telehealth microservices. Further, integrate reactive healthcare solutions using **Spring WebFlux**.
* **Kubernetes in Health Data Management**: Manage patient data and containerized applications through **Kubernetes**, optimizing deployment processes while ensuring data resilience and scalability.
* **Microservices in Clinical Systems**: Architect and implement clinical **microservices**, breaking down systems into manageable components to independently develop, test and scale patient data modules.
* **Medical Data API Development**: Lead in crafting **REST** and **RESTful APIs**, ensuring efficient data exchange between medical devices and clinical systems.
* **AWS in Healthcare**: Oversee robust medical application deployments in the **AWS** cloud, utilizing tools for optimal patient data security, scalability and performance.
* **CI/CD for Clinical Software**: Set up **Continuous Integration and Continuous Deployment pipelines** for healthcare software using **Jenkins** and **Docker**, ensuring automated testing and consistent, secure releases.
* **Hibernate in Patient Data Management**: Employ **Hibernate** for patient data mapping and persistence, streamlining interactions with clinical databases.
* **Gradle in Medical Software**: Use **Gradle** for automating builds and managing dependencies in clinical software projects, optimizing the development cycle.
* **Healthcare Development in NetBeans**: Leverage **NetBeans** for the development of medical software, focusing on patient-centric application design and performance tuning.
* **WebLogic in Medical Systems**: Manage clinical applications on **WebLogic**, tuning for the best patient data access performance and security.
* **Patient Data Messaging with RabbitMQ**: Implement **RabbitMQ** for reliable patient data messaging between clinical systems, ensuring accurate and timely data delivery.
* **Cassandra in Medical Records**: Administer healthcare databases using **Cassandra**, ensuring high availability and fault tolerance while managing extensive patient data across distributed servers.
* **Version Control with SVN**: Maintain medical software versions and revisions using **SVN**, enabling collaborative work, meticulous change tracking and consistent repository stability.
* **Clinical Issue Tracking with Redmine**: Document, monitor and address clinical system issues with **Redmine**, ensuring uninterrupted patient care and timely software updates.
* **Medical Software Testing with Mockito**: Develop and run precise unit tests for clinical applications using **Mockito**, ensuring accurate diagnosis and treatment functionalities.
* **Logging in Clinical Systems with Logback**: Adopt **Logback** for efficient clinical system logging, providing real-time system monitoring, complete log capture and advanced debugging to uphold patient care quality.

**Infrastructure Details:** Clinical System Development Cycle (CSDC), Agile methodologies, Java, Node.js, Spring modules (Spring Boot, Spring Security, Spring Cloud, Spring WebFlux), Kubernetes, REST, RESTful APIs, AWS, Jenkins, Docker, Hibernate, Gradle, NetBeans, WebLogic, RabbitMQ, Cassandra, SVN, Redmine, Mockito, Logback.

**WALMART, Kansas, MO**

**Java Developer Jan 2014- Aug 2016**

**Core Project Tasks:**

* **Retail Domain Expertise:** Leverage extensive experience in the retail industry, specializing in retail software development, inventory management and customer engagement solutions.
* **Agile Methodologies:** Drive **Agile** practices within the retail team, focusing on adaptive planning, evolutionary development and early delivery, fostering a culture of continuous improvement through regular retrospectives.
* **Java Expertise:** Excel in utilizing **Java** and Core **Java** to create efficient, scalable retail software, ensuring optimal performance and robustness for retail applications.
* **Frontend Innovation:** Excel in developing intuitive, responsive user interfaces for retail applications, utilizing fundamental tools like **HTML, CSS** and **JavaScript** to provide an exceptional shopping experience.
* **Spring Tools Proficiency:** Expertly utilize **Spring** tools to build robust, secure and versatile backend systems for retail, accelerating development and enhancing functionality.
* **REST & RESTful API Development:** Excel in constructing and integrating **REST** and **RESTful APIs** for retail systems, enabling seamless intercommunication and efficient data transfer between diverse retail components.
* **Cloud Deployment & Optimization:** Oversee sophisticated application deployments in the retail ecosystem, leveraging **AWS** and other cloud services to elevate scalability, security and operational performance in the retail sector.
* **CI/CD with Docker:** Architect and maintain Continuous Integration and Continuous Deployment pipelines employing **Docker** for retail software, ensuring code consistency, automated testing and reliable retail releases.
* **Infrastructure as Code with Terraform:** Implement **Terraform** for defining, provisioning and managing retail cloud infrastructure, promoting repeatability and preventing configuration drift.
* **Retail System Management:** Administer and fine-tune retail applications on various platforms, ensuring high availability, outstanding performance and ironclad security for retail operations.
* **Messaging for Retail:** Facilitate reliable asynchronous communication within retail systems using **ActiveMQ** and other messaging solutions, guaranteeing resilient message delivery and robust integration in the retail domain.
* **Database Administration:** Manage complex databases tailored for retail, ensuring they are high-performing, secure and recoverable, adeptly handling the efficient storage and retrieval of retail data.
* **Version Control for Collaboration:** Employ version control systems for seamless collaboration across retail development teams, maintaining the integrity and history of retail source code.
* **Automated Testing for Retail Quality:** Develop and execute comprehensive automated test suites for retail software using tools like **Cucumber,** verifying application functionality against predetermined retail specifications, enhancing software reliability.
* **Logging and Monitoring:** Integrate logging and monitoring solutions tailored for the retail domain, utilizing tools like **Trello,** enabling real-time monitoring, advanced query capabilities and efficient troubleshooting to sustain retail application performance and stability.

**Infrastructure Details:** Retail Domain Expertise, Agile Methodologies, Java, Core Java, HTML, CSS, JavaScript, Spring Tools, REST, RESTful API, AWS, Docker, Terraform, Retail System Management, ActiveMQ, Database Administration, Version Control, Cucumber, Trello.

**Client: AMARRAJA, Hyderabad**

**.NET Developer July 2011- Aug 2013**

**Core Project Tasks:**

* **Business Logic Construction in C#.NET:** Devised critical business logic components through the creation of various abstract interfaces and classes using **C#.NET**.
* **WCF Services Migration & Hosting:** Transitioned **ASP.NET** Web Services to **.NET** **3.0** WCF Services and proficiently managed their hosting on IIS, enhancing system interoperability and communication efficiency.
* **Application Upgrade:** Successfully migrated Classic **ASP** applications to modern **ASP.NET** platforms, improving security, scalability and performance.
* **Custom ASP.NET AJAX Controls Creation:** Developed bespoke **ASP.NET** **AJAX** **controls**, leveraging the XmlHttpRequest object for improved asynchronous web functionalities.
* **Component Design in ASP.NET:** Innovated in the design and development of application components utilizing **ASP.NET**, **C#.NET**, **JavaScript**, **XML** and **XSLT**, contributing to robust and dynamic web applications.
* **UI Development in ASP.NET:** Crafted intuitive and responsive **ASP**.**NET** web pages for the application’s **GUI**, ensuring a positive user interaction experience.
* **Database Management in SQL Server:** Authored complex **SQL** queries, stored procedures and triggers and managed database backup/restore, role definition and user management within **SQL** Server 2005, ensuring data integrity and security.
* **Oracle 10g Integration via ADO.NET:** Seamlessly integrated **Oracle** 10g Database with applications, utilizing **ADO**.**NET** and Oracle Data Provider, ensuring high-performance data transactions.
* **SSIS/SSRS Implementation:** Designed and implemented packages using **SSIS** and crafted insightful reports with **SSRS**, catering to diverse data handling and reporting requirements.
* **Testing, Debugging, & Review:** Played an integral role in the application’s testing, debugging and code review processes, guaranteeing the delivery of a fault-resistant application.
* **Unit Test Management:** Prepared and executed detailed unit test cases, verifying the functionality and reliability of application components.
* **Version Control with TFS:** Managed source code versions and revisions using **TFS**, promoting enhanced collaboration and code maintenance across development teams.

**Infrastructure Details:** IIS Visual Studio, ASP.NET, C, Java Script, JQuery, Telerik, SQL Server, Windows Services, Web Services, LINQ Objects SVN, TFS, XML, XSL, 3rd Party Assemblies.