A hexagon with white text

Description automatically generatedA blue and white logo

Description automatically generatedA white circle with red text

Description automatically generated

**Vinya Reddy**

**Sr Java Full Stack Developer |**[**vinyarp31@gmail.com|**](mailto:vinyarp31@gmail.com%20|)**430-272-2044**|[**www.linkedin.com/in/vinya-reddy**](http://www.linkedin.com/in/vinya-reddy)

**Professional Summary:**

* With **10+ years** of experience, this Enterprise **Java Maven** excels in **Java** up to its **Java 11** intricacies, bolstered by certifications in **AWS**, **Azure and Oracle**. Proficient in the **Spring** ecosystem, adept at **CI/CDpipelines** and skilled in **database management**. Renowned for leading **full-stack initiatives** and leveraging advanced **cloud platforms** with unwavering commitment to software excellence.
* **Enterprise Java Maven:** Skilled in full-stack development with expertise in **core Java, Java 8'sfunctional programming** and **Java 11 enhancements**. Proficient in modern features like lambdas, stream API, temporal intricacies and **Java 11 modules** and features.
* **Solution-Oriented Developer:** Excels in both front-end and back-end frameworks, adept at creating **Angular** interfaces and **REST-based APIs**. Demonstrates precision in testing, documentation, and deployment, ensuring top-tier project quality.
* **Architectural Virtuoso:** Spearheads requirements elicitation, champions collaborative system blueprints, stewards development, orchestrates comprehensive test strategies and upholds codebase sanctity. Ensures alignment with enterprise KPIs and architects scalable, performance-optimized Java ecosystems.
* **OOP Maestro:** Commands object-oriented paradigms, harnesses esoteric **Java APIs**, curates concurrency and governs judicious memory allocation. Exploits the **collections framework** and integrates **I/O operations** with finesse.
* **Modern Java Advocate:** Melds frontend technologies, notably **React**, **Angular** and **VueJS**, ensuring a cohesive UX narrative.
* **API Artisan:** Oversees **RESTful API** design and development using Java. Amalgamates tools like **Swagger** for lucid documentation and harnesses frameworks like **Spring Boot** for optimal performance. Enforces **OAuth 2.0** security protocols and ensures cohesive API integration across systems.
* **Spring Ecosystem Navigator:** Orchestrates application life cycles using **Spring Boot**, **Spring MVC** and **Spring Data JPA** with **Hibernate** for ORM. Fortifies with **Spring Security**, deploys **Spring Cloud** for a microservices architecture and optimizes data throughput with **Spring Batch**.
* **Cloud Connoisseur:** Demonstrates astuteness in cloud topologies, navigating platforms like **AWS**, **GCP**, **Azure** and **IBM Cloud**. Acumen envelops **IaaS**, **PaaS, and SaaS** topographies.
* **Messaging Maestro:** Expertise in event-driven architectures leveraging **Kafka**, **RabbitMQ** and other platforms, addressing real-time data needs.
* **CI/CD Custodian:** Proficient in **Continuous Integration** and **Continuous Delivery/Deployment** methodologies. Experienced in orchestrating CI/CD pipelines using tools like **Jenkins**, **GitLab CI**, **Travis CI** and **CircleCI**. Advocates for automated testing, deployment, and iterative development to ensure rapid, reliable software releases.
* **Database Dynamo:** Acquires an in-depth understanding of relational databases such as **PostgreSQL**, **MySQL, and Oracle**. Expertise in NoSQL databases like **MongoDB**, **Cassandra** and **Redis**. Possesses skills in database design, normalization, **SQL queries**, stored procedures, and performance optimization.
* **Application Server Aficionado:** Proficient in deploying and managing applications on leading servers such as **Apache Tomcat**, **IBM WebSphere**, **JBoss** and **WildFly**. Ensures high availability, optimized performance, and seamless scalability.
* **Logging Luminary:** Mastery in integrating and utilizing logging frameworks such as **Log4j**, **SLF4J** and **Logback**. Expertise in configuring robust logging mechanisms to ensure transparent audit trails, error tracking and system diagnostics.
* **IDE Savant:** Fluent in premier IDEs like **Eclipse**, **IntelliJ IDEA** and **NetBeans**, ensuring frictionless development cadences.
* **Build and Versioning Guru:** Navigates build topologies with **ANT** and **Maven** and stewards code with **GIT** and **SVN** repositories.
* **Project and Validation Vanguard:** Commands **JIRA**, **Bugzilla** for project dynamics and validates Java constructs using tools such as **JUnit**, **TestNG**, **Selenium** and **Mockito**.

**Education:**

* Bachelor of Technology in Computer Science, India.

**Professional Endorsements:**

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

**Professional Experience:**

**Senior Java full Stack Developer Mar 2022 - Present**

**Barclays, Whippany, NJ**

**Professional Engagements:**

* Orchestrated the ideation, designed,and deployed advanced Java-based applications. With the power of **IntelliJ IDEA**, achieved unmatched performance, ironclad security,and scalable excellence.
* Crafted pristine, future-ready code in core Java, by leveraging the capabilities of **Visual Studio Code**, set gold standards in coding practices while effortlessly troubleshooting and resolving intricate challenges.
* Masterfully blueprint software solutions, tapping into the depth of **Java 11's** innovations. Utilized **Lucidchart**, ensure harmonized architecture, flawless database orchestration and seamless integration frameworks.
* Drove development velocity with industry-leading frameworks, including the **Spring Framework** and **ReactJS**. Seamlessly weave in **Java 11's** cutting-edge features to redefine code magnificence, while leveraging React JS to amplify front-end interactivity and user experience.
* Championed database intricacies with a deft touch using **MySQL Workbench**. From precise data modeling to optimized query execution, elevate every database interaction.
* Designed, deployed, and refined RESTful APIs with surgical precision, using tools like **Swagger**. Anchor data sanctity, robust security,and rapid inter-system exchanges.
* Expertly orchestrated and fine-tuned pivotal **Azure** offerings, encompassing **Azure Virtual Machines** and **Azure Blob Storage**, through an adept blend of **Azure Portal** navigation and API integrations, thereby elevating cloud operational efficiency and harnessing the full potential of **Azure's cloud** innovations.
* Set new benchmarks in application performance, deploying tools like **JProfiler** to ensure instantaneous responsiveness and vast scalability.
* Endorse unwavering code reliability with **JUnit**, cultivating a culture of impeccable testing rigor.
* Embed fortress-like security protocols and measures, fortified by **OWASP ZAP**.
* Championed a doctrine of coding excellence, anchored by platforms like **GitHub**, nurturing a harmonized code quality ethos across teams.
* Curated crystalline documentation narratives with **Confluence**, ensuring clarity, accessibility,and future-readiness.
* Energized cross-team engagements with **Slack**, nurturing a unified vision and fostering collective project achievements.
* Embrace the fluidity of Agile paradigms like Scrum, driving project dynamism and iterative excellence through **JIRA**.
* Exhibited unparalleled diagnostic acumen with the **ELK Stack**, ensuring swift resolutions and maintaining operational harmony.
* Facilitated seamless code evolution and collaborative excellence using the revered **Git** system.
* Remain at the technology forefront, immersing oneself in the ever-evolving landscape of **Java** innovations and best practices.
* Ignite the potential of emerging talents, shaping future tech leaders,and enriching the team's collective prowess.
* Steer projects with strategic foresight using **Microsoft Project**, upholding impeccable timelines, and optimizing resource deployment.
* Integrate third-party libraries and APIs with dexterity, leveraging custom **SDKs** to elevate application prowess.
* Forge alliances with QA brigades, deploying **Selenium** to ensure exhaustive, precision-focused software testing.

**Toolkit & Platform:** Java 11, React JS, IntelliJ IDEA, Visual Studio Code, Lucidchart, Spring Framework, MySQL Workbench, Swagger, Azure Virtual Machines, Azure Blob Storage, JProfiler, JUnit, OWASP ZAP, GitHub, Confluence, Slack, JIRA, ELK Stack, Git, Microsoft Project, SDKs, Selenium.

**SeniorJava Full Stack Developer Sep 2020 - Feb 2022**

**BCBS, Southfield, MI**

**Professional Engagements:**

* Proficiently employed **Java 8** features, including Lambda expressions, Streams, filters, pipelines,and Optional Interfaces, fortifying the software foundation, and ensuring code robustness.
* Leveraged **Apache Kafka** for high-throughput, reliable and asynchronous processing, ensuring timely data flow and processing across the application landscape.
* Demonstrated in-depth expertise in **Bootstrap 4 & 4.1**, **AngularJS**andJava **8** features such as Optional interfaces. Implemented comprehensive **UI/UX designs** utilizing technologies like **JSP, CSS, JavaScript, Slick Grid, jQuery, Spring Ajax** and **AngularJS** for dynamic web components and interactivity.
* Conceived and executed logical & physical data models, utilizing data warehouse methodologies. Leveraged **SSAS packages** to create hierarchies in the dimensional model, ensuring rapid and efficient data retrieval.
* Used**Microsoft Azure**, utilizing **Azure Functions**, **AKS,**and**Azure DevOps**. Automated deployment using Jenkins and **Azure Pipelines**, encompassing **Docker** orchestration with **Azure Container Instances** and monitoring via **Azure Application** Insights.
* Pioneered Microservices development leveraging **Spring 5.x** and ensured seamless deployment on **Pivotal Cloud Foundry (PCF)**. Exhibited proficiency in creating cloud-native deployment models suitable for global distributions.
* Orchestrated the critical migration of databases from conventional **SQL Databases** to modern **NoSQL systems** such as **Cassandra**.
* Created purpose-built databases using **SQL Server Management Studio** and successfully managed content migrations across various SQL versions.
* Efficiently utilized **ETL DataStage** tools to extract transform and load data from diverse source systems into targeted data warehouses. Comprehensively used **Procedure API and Consumer API** for efficient data streaming using **Kafka**.
* Played a pivotal role in developing business Microservices components using **Spring Boot** and **Spring Framework Controllers**. Expertly used **Spring, Hibernate, REST/SOAP web services and JSF frameworks** to achieve seamless interoperability.
* Collaborated closely with the DevOps teams, leveraging tools like **Jenkins** for continuous integration and development. This partnership guaranteed agile delivery of top-tier software products, enhancing release frequency and product quality.
* Configured and managed**Apache Tomcat** servers, guaranteeing seamless deployment and peak performance of web applications.
* Created messaging solutions by integrating state-of-the-art tools like **Apache Kafka,** ensuring real-time data processing and efficient data flow.
* Upheld the highest standards of codebase integrity by strategically utilizing **GIT repositories**. This not only ensured meticulous version control but also fostered seamless team collaboration.
* Adopted **Log4J,** a top-tier logging tool, to provide in-depth logging. This pivotal decision significantly boosted debugging efficiency and streamlined the issue tracking process.
* Championed project management by employing **Bugzilla** as a central tool. This facilitated bug tracking, sprint planning and work assignments, thereby guaranteeing transparency, accountability,and swift issue resolution.
* Introduced cutting-edge testing methods by implementing Protractor for UI testing. Additionally, automated testing was elevated through the adept use of **TestNG**.

**Toolkit & Platform:** Java 8, AngularJS, Apache Kafka, Bootstrap 4 & 4.1, JSP, CSS, JavaScript, Slick Grid, jQuery, Spring Ajax, SSAS, Microsoft Azure, Azure Functions, AKS, Azure DevOps, Azure Pipelines, Azure Container Instances, Azure Application Insights, Spring 5.x, Pivotal Cloud Foundry, Cassandra, ETL DataStage, Procedure API, Consumer API, Spring Boot, Hibernate, REST/SOAP web services, JSF frameworks, Jenkins, Apache Tomcat, GIT, log4j, Bugzilla, TestNG.

**Senior Java full Stack Developer Jul 2018 – Aug 2020**

**AbbVie, Chicago, IL**

**Professional Engagements:**

* Engaged comprehensively in the Software Development Life Cycle (**SDLC**), encompassing stages such as Requirement gathering, Conceptual design, Analysis, Detailed design, Development, System Testing and User Acceptance.
* Delved deeply into prominent front-end frameworks, notably **AngularJS** and **Vue JS**, to sculpt interactive, responsive,and user-friendly interfaces. Harnessing the power of these tools, we achieved dynamic content rendering, state management and component-based architecture, ensuring an intuitive user experience
* Developed a user-centric interface using tools like **IOS, Swift** and **Xcode**.
* Seamlessly implemented **Java Message Services** through the **JMS API.**
* Leveraged the **Spring Framework**, based on the **MVC design pattern**, to drive the application's core. Developed Action classes, Form beans and aptly configured the **spring-config.xml**.
* Used**Amazon Web Services** (AWS), utilizing **AWS Lambda**, **Amazon EKS** and **AWSCodePipeline**. Automated deployment using Jenkins and **AWS CodeDeploy**, encompassing Docker orchestration with **Amazon ECS** and monitoring via **Amazon CloudWatch**.
* Worked with **IoTdevices**, pioneering home automation from microcontroller to server using **Amazon**.
* Designed and executed **RESTful APIs**, employing protocols like **HTTP** and **MQTT** for streamlined publish-subscribe operations.
* With the robustness of **Spring Boot**, delivered diverse back-end services and batch processes like input file scanning and posting job requests to **MQ**. Also, developed applications tailored for incident creation and event retrieval.
* Integrated **OS9 support**, enhancing the application's capabilities by introducing **APNS push** notifications.
* Pioneered the implementation and optimization of Continuous Integration and Continuous Delivery (CI/CD) pipelines. Leveraged tools like **Jenkins**, **Docker,**and**Kubernetes** to ensure smooth, automated deployments and real-time code integration.
* Crafted optimized **SQL** queries and deployed **PL/SQL** stored procedures and triggers for precise database operations
* Employed **Hibernate** to craft Stored Procedures and trigger them programmatically. This prowess extended to managing transactions within the secondary project as well.
* Utilized **Eclipse** as the primary **IDE** for holistic application development, building and deployment and testing tasks.
* Enhanced application transparency and debugging with **SLF4J** for external configuration file management.
* Employed **JUnit** to design rigorous test cases for unit testing and comprehensive suites for end-to-end validation.
* Used**Agile** methodology, particularly **Scrum**, for the meticulous design, development, and review of applications. Regularly participated in constructive iterative review sessions to ensure the continual progress and resolution of potential issues.

**Toolkit & Platform:** AngularJS, Vue.js, IOS, Swift, Xcode, JMS API, Spring Framework, Amazon, Amazon Web Services (AWS), AWS Lambda, Amazon EKS, AWS CodePipeline, AWS CodeDeploy, Amazon ECS and Amazon CloudWatch MVC design pattern, HTTP, MQTT, Spring Boot, OS9, APNS, Jenkins, Docker, Kubernetes, SQL, PL/SQL, Hibernate, Eclipse, SLF4J, JUnit.

**Java Developer Jan 2016 - Jun 2018**

**Con Edison, New York, NY**

**Professional Engagements:**

* Adopted the **Agile** methodology throughout the project, ensuring deliverables on schedule and embracing change by routinely attending daily stand-ups and guiding software development in Sprints.
* Implemented core **J2EE design patterns** such as **DAO**, **DTO**, **Business Delegate**, **PageIterator** and **Controller**. Additionally, embraced **MVC** architectural patterns for refined software design.
* Created **Java web application** utilizing a diverse tech stack: **Spring, Hibernate, HTML5, CSS, Bootstrap, AJAX, JavaScript, and jQuery**.
* Refined an existing **AngularJS** application for MVC conformity, achieving a substantial reduction in code, enhanced scalability, and ease in future upgrades.
* Engaged with the **Angular framework**, designing and maintaining components, services,and APIs. Fully utilized Angular features to enhance source code maintenance, resulting in efficient code management, ease of upgrade and improved scalability.
* Used **XML** and **JMS** for facilitating communication between servers, particularly for transmitting customer details. Formulated **RESTful APIs** that adeptly handle **HTTP requests** and output responses in **JSON**, all using the Play framework.
* Leaned on **SOAP protocol, JAX-WS and Apache CXF** for efficient web service development. Demonstrated expertise in consuming **SOAP services**, converting **XML data** into actionable Java objects.
* Harnessed the **Spring MVC Framework** for the project's structural design, integrating dynamic data representation tools like **Data tables** & **HighCharts**. Collaborated with **Spring ORM** and Hibernate to ensure smooth **Oracle RDBMS** access, effectively managing object-relational mapping and database interactions.
* Automated specific tasks using **AWS services**, including **AWS Lambda** and **Amazon S3**, along with **Fastlane** tools, especially the Spaceship Library through **JRuby** for the Sears store's needs. Capitalized on **Unix** utilities for a range of tasks and scripted **Linux Shell commands** for efficient file management.
* Assured smooth deployment of web and enterprise applications on the **JBoss** server. Leveraged Maven for build and deployment scripts across **Unix** and **Linux** environments, streamlined with **Hudson**.
* Instituted a robust version control system using **GitHub**, complemented by Stash for code repositories. Seamlessly integrated **Hudson** for continuous delivery, ensuring smooth **JBoss server** deployments.
* Prioritized application transparency with **Logback** for logging and upheld code reliability by crafting comprehensive unit tests for all web services via **Mockito**

**Toolkit & Platform:** J2EESpring, Hibernate, HTML5, CSS, Bootstrap, AJAX, JavaScript, jQuery, AngularJS, XML, JMS, SOAP services, JAX-WS, Apache CXF, Spring ORM, Oracle RDBMS, AWS Lambda, Amazon S3, JRuby, JBoss, Unix, Linux, Hudson, GitHub, Logback, Mockito.

**Software Developer Jun 2013 - Sep 2015**

**Cyient, Hyderabad - India**

**Professional Engagements:**

* Managed the complete software development life cycle, including design, development,and testing, while applying Object-Oriented Analysis (**OOA**) and Object-Oriented Design (**OOD**) principles.
* Utilized **JSP**, **HTML**and **CSS** to create visually appealing and structured content layouts and presentations for web applications.
* Employed **jQuery** for enhancing the user interface (UI) and **AJAX** for dynamic report display, enhancing the interactivity of web applications.
* Developed web applications following the Model-View-Controller (**MVC**) pattern to effectively manage runtime content, particularly Points of Interest (POIs).
* Utilized **Web Services**, **WSDL**, **XML**and **SOAP** within a Service-Oriented Architecture (SOA) to extract patient-related product data from various machines and servers, ensuring seamless data integration.
* Designed and developed web applications using the **Struts 2.0** framework, streamlining the development process, and enhancing maintainability.
* Implemented data retrieval from multiple sources and separated the Data Access Object (**DAO**) layer from the Database layer using **Hibernate**, improving data management and maintainability.
* Regenerated code through **Hibernate**, creating services for existing modules and rigorously tested them using JUnit to ensure reliability and stability.
* Implemented complex business logic by leveraging **Session Beans**, **Servlets** and **PL/SQL** stored procedures, enabling efficient data processing and manipulation.
* Designed, developed, and maintained the data layer of applications using **Hibernate**, ensuring optimal data access and persistence, while also configuring the Struts Application Framework for seamless integration.
* Utilized **Hibernate's** Transaction Interface to abstract from the transaction implementation, improving transaction management and database interaction within the application.

**Toolkit & Platform:** JSP, HTML, CSS, jQuery, AJAX, Web Services, WSDL, XML, SOAP, Service-Oriented Architecture (SOA), Struts 2.0 framework, Hibernate, JUnit, Session Beans, Servlets, PL/SQL.