

Naga Venkata Sairam Yanamadala

Full Stack Developer

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PROFESSIONAL SUMMARY:

- Over 7+ years of experience in the IT sector, specializing in full-stack development, managing the complete Software Development Life Cycle, and implementing innovative solutions with advanced methodologies.
- Expertise in core Java/J2EE technologies, mastering Servlets, JSP, JDBC, and JPA, with practical application in various projects.
- Demonstrated advanced proficiency in Spring Framework, particularly Spring Boot, Spring MVC, and Spring Security, deployed in real-world scenarios.
- Utilized exceptional skills in modern JavaScript frameworks, including Angular, React.js, and Node.js, to develop dynamic and interactive user interfaces.
- Extensively managed relational databases such as Oracle, SQL Server, and MySQL, ensuring efficient data storage and retrieval mechanisms.
- Leveraged AWS services and Docker for scalable cloud solutions, including EC2, S3, RDS, ECS, Lambda, IAM, and CloudFormation for efficient deployment and management.
- Designed and implemented microservices architectures for building scalable and resilient systems to meet diverse business needs.
- Proficiently utilized Git for version control and Jenkins for continuous integration and continuous deployment (CI/CD), ensuring streamlined development workflows.
- Demonstrated a thorough understanding and practical application of testing frameworks like JUnit and Selenium for ensuring software quality and reliability.
- Applied DevOps principles and adeptly employed automation tools such as Kubernetes and Terraform to optimize deployment processes.
- Utilized messaging services like Apache Kafka and RabbitMQ hands-on, ensuring seamless communication and asynchronous processing between distributed systems.
- Showcased the ability to solve intricate technical challenges and debug complex issues, honed through practical experience in various projects.
- Expertise extends to comprehensive scripting proficiency encompassing Shell Script and Bash for automation and system management tasks.
- Crafted dynamic and responsive user interfaces using HTML5, CSS3, and Bootstrap skillfully, enhancing user experience in practical applications.
- Committed to continual professional development, actively seeking out and staying updated with emerging industry trends and technologies to remain at the forefront of the field.

TECHNICAL SKILLS:

Programming Languages	Java 8/11/17, SQL, PL/SQL, JavaScript, Python, PHP, C, C++, C#
Java/J2EE Technologies	Servlets, JSP, JSTL, JDBC, JPA, EJB, JMS, JNDI, JavaBeans
Frameworks	Spring Boot, Spring MVC, Spring Security, Spring Data, Spring Batch, Spring AOP, Spring IOC, Hibernate, Struts
Databases	Oracle 9i/10g/11g/12c, SQL Server, MySQL, MongoDB, Apache Cassandra
Web Technologies	HTML5, CSS3, Bootstrap, JavaScript, JSON, XML, RESTful APIs, SOAP
JavaScript Frameworks	Angular (12-16), React.js, Node.js, Vue.js
Cloud Technologies	AWS (EC2, S3, RDS, VPC, IAM, ELB, Route53, SQS, SNS, ES, ECS, EKS), Docker, Azure, Google Cloud Platform (GCP)
Messaging Services	Apache Kafka, RabbitMQ
Architectural Patterns	Microservices, MVC, SOA, ORM
Scripting Languages	Shell Script, Bash
Application/Web Servers	Apache Tomcat, WebSphere, JBoss, WebLogic
IDEs	IntelliJ IDEA, Eclipse, NetBeans
Version Control	Git, GitHub, BitBucket
Build & CI/CD Tools	Maven, Jenkins
Testing Frameworks	JUnit, Selenium, Cucumber, Mockito, JMockit
Configuration Management	SVN, GitHub, Git, Jenkins
Additional Tools & Technologies	GraphQL, Kubernetes, Prometheus, Grafana, ELK Stack, Terraform, Postman, Log4J, Jasper Reports

PROFESSIONAL EXPERIENCE:

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- Collaborated with cross-functional teams utilizing Agile methodology to align development efforts with the mission of empowering consumers and simplifying the prescription drug process.
- Developed and maintained web applications using Java EE and Spring framework, specifically tailored to streamline prescription drug processes for consumers.
- Employed Apache Kafka Streams to enable real-time data processing, providing instant updates and insights into prescription drug services, leveraging expertise in Java and Kafka.
- Integrated Amazon DynamoDB for NoSQL database storage, ensuring scalability and low-latency access to prescription data, showcasing expertise in AWS and NoSQL databases.
- Implemented GraphQL for flexible and efficient data querying, empowering consumers to access prescription information tailored to their specific needs, utilizing knowledge in GraphQL and Java web development.
- Implemented cost-saving features and medication adherence enhancements using Java technologies, directly contributing to the goal of reducing prescription drug costs and improving quality of life.
- Ensured seamless integration of backend systems built with Java Springboot and front-end interfaces using AngularJS and React, thereby providing consumers with a user-friendly experience in managing their prescriptions.
- Leveraged Java technologies such as Hibernate and JPA to optimize application performance and scalability, supporting the commitment to providing efficient and scalable prescription drug services.
- Worked with RESTful APIs to retrieve insurance coverage details and medication pricing information, enhancing the functionality of prescription drug services and ensuring consumers have access to accurate and relevant information.
- Enhanced user experience by designing and implementing intuitive interfaces with HTML, CSS, and JavaScript, aligning closely with the mission of simplifying the complex world of prescription drugs for consumers.
- Conducted comprehensive testing using JUnit and Mockito to guarantee reliability and accuracy of prescription drug data, directly contributing to ensuring consumer trust and satisfaction.
- Actively participated in code reviews, providing constructive feedback to peers and promoting code quality and best practices, ultimately supporting excellence in software development.
- Stayed updated on industry trends and emerging technologies through continuous learning and research, driving innovation and improvement in solutions and services to better serve consumers and meet their evolving needs.
- Employed Spring Cloud Sleuth and Zipkin for distributed tracing, aiding in the diagnosis and resolution of performance issues across microservices.
- Utilized Elasticsearch for advanced search capabilities, enabling users to quickly find relevant prescription information based on various criteria.

Environment: Java EE, Spring framework, Apache Kafka Streams, Amazon DynamoDB, GraphQL, Java Spring Boot, AngularJS, React, Hibernate, JPA, RESTful APIs, HTML, CSS, JavaScript, JUnit, Mockito, Spring Cloud Sleuth, Zipkin, Elasticsearch

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- Designed and implemented scalable microservices architecture using Spring Boot and Spring Cloud, enhancing the efficiency and reliability of supply chain management systems.
- Developed robust RESTful APIs to facilitate seamless integration and communication between supply chain modules, utilizing Spring MVC and Spring Security for secure and efficient data exchange.
- Employed Hibernate and JPA for efficient ORM and data persistence, optimizing database interactions with Oracle 12c and MySQL for high performance and reliability.
- Created dynamic, user-friendly web interfaces with Angular (12-16) and Bootstrap, ensuring responsive design and improved user experiences across various devices.
- Utilized AWS services such as EC2, S3, and RDS to deploy and manage cloud-based supply chain solutions, ensuring scalability and high availability.
- Implemented real-time messaging solutions with Apache Kafka, enhancing the responsiveness and coordination of supply chain operations.
- Managed CI/CD pipelines using Jenkins and Maven, automating build, test, and deployment processes to improve development workflow and reduce deployment times.
- Conducted unit and integration testing with JUnit and Mockito, ensuring high code quality and reliability for supply chain applications.
- Used Docker for containerizing applications, ensuring consistent environments across development, testing, and production stages.
- Developed and maintained complex SQL queries and PL/SQL procedures to support business logic and reporting needs within the supply chain systems.
- Monitored and optimized application performance using ELK Stack, ensuring system health and quick resolution of any performance bottlenecks.

- Employed Git and GitHub for version control, enabling efficient collaboration and management of codebases within the development team.
 - Implemented infrastructure as code with Terraform, ensuring consistent and repeatable environment setups for supply chain applications.
 - Utilized IntelliJ IDEA for efficient coding and debugging, enhancing productivity and maintaining high code quality.
 - Created detailed, actionable reports using Jasper Reports, providing critical insights into supply chain operations and performance.
- Environment:** Java 8/11/17, Spring Boot, Spring Cloud, Hibernate, JPA, Oracle 12c, MySQL, Angular (12-16), Bootstrap, AWS (EC2, S3, RDS), Apache Kafka, Jenkins, Maven, Docker, SQL, PL/SQL, ELK Stack, Git, GitHub, Terraform, IntelliJ IDEA, and Jasper Reports.

Company-3

- Employed Agile (SCRUM) methodologies to manage the Software Development Lifecycle of dynamic J2EE projects, ensuring timely delivery and responsiveness to changing requirements.
 - Demonstrated proficiency in Java 8 by implementing default and static methods in interfaces, enhancing code reusability and facilitating efficient development across multiple classes.
 - Leveraged Java 8 features such as Completable Future and improved Date and Time API for asynchronous and concurrent programming, and accurate date and time manipulation respectively.
 - Implemented functional programming paradigms using java.util.function package, including Predicate, Consumer, and Function interfaces introduced in Java 8.
 - Utilized Java 11 features including HTTP server API, Time API enhancements, var keyword for improved code readability, and local variable syntax for lambda parameters.
 - Designed and developed RESTful API services using Node.js, enhancing the interoperability and scalability of applications.
 - Contributed to the design and implementation of Microservices architecture using Spring Boot for a financial services platform, ensuring modularity, scalability, and ease of maintenance.
 - Employed AngularJS, HTML, CSS, and Node.js to construct dynamic web pages, enhancing user experience and interaction.
 - Implemented additional UI components using asynchronous AJAX, jQuery, and AngularJS, contributing to a richer client-side experience.
 - Proficient in developing applications using J2EE, Spring Boot, Hibernate, JPA, AngularJS, Angular 6, Node.js, HTML, and CSS.
 - Utilized AWS services including Step Functions, CloudFormation, and Lambda functions, ensuring scalable, reliable, and secure cloud-based solutions.
 - Developed reusable Terraform modules and managed infrastructure changes, promoting code reuse, consistency, and version control.
 - Collaborated with cross-functional teams to define API requirements and specifications, ensuring alignment with application needs.
 - Debugged and resolved issues related to REST API functionality, performance, and integration with other components.
 - Demonstrated expertise in Java's Stream API for efficient processing and manipulation of data collections.
 - Proficient in React JS, Hibernate framework, Spring framework, Spring Security, OAuth2, Spring Batch, and container-based technologies like Docker, Kubernetes, and OpenShift.
 - Experienced in writing build and deployment scripts using Maven and continuous integration tools like Jenkins, ensuring smooth and automated build and deployment processes.
 - Developed new libraries with microservices architecture using REST APIs, Spring Boot, and Pivotal Cloud Foundry (PCF), ensuring scalability, flexibility, and cloud-native development practices.
- Environment:** Agile (SCRUM), Java 8, Java 11, Node.js, Spring Boot, AngularJS, HTML, CSS, AJAX, jQuery, J2EE, Hibernate, JPA, Angular 6, AWS (Step Functions, CloudFormation, Lambda), Terraform, API, AWS, RESTful, Microservices, AWS, Java Stream API, React JS, Spring framework, Spring Security, OAuth2, Spring Batch, Docker, Kubernetes, OpenShift, Maven, Jenkins, PCF

Company-4

- Designed and implemented responsive user interfaces using React.js, Bootstrap, and JavaScript, ensuring cross-browser compatibility and mobile responsiveness.
- Developed backend services and RESTful APIs using Java Spring Boot, facilitating seamless communication between the frontend and backend components of the application.
- Utilized Spring Security to implement robust authentication and authorization mechanisms, ensuring secure access to user profile data and sensitive information.
- Integrated OAuth for third-party authentication and authorization, enabling users to sign in using social media accounts like Google or Facebook.
- Implemented CRUD (Create, Read, Update, Delete) operations for managing user profiles and preferences using Hibernate or Spring Data JPA for database interaction.
- Utilized SQL databases such as MySQL or PostgreSQL to store and retrieve user data, optimizing database queries for performance and scalability.
- Implemented validation and error handling mechanisms to ensure data integrity and prevent security vulnerabilities such as SQL injection or cross-site scripting (XSS).

- Leveraged Git for version control and collaborative development, utilizing branching and merging strategies to manage code changes and facilitate code reviews.
- Integrated with external APIs and services, such as payment gateways (e.g., Stripe, PayPal) and shipping carriers (e.g., UPS, FedEx), to enable seamless transactions and order fulfillment.
- Implemented asynchronous processing and caching mechanisms using technologies like Redis or Memcached to improve application performance and scalability.
- Utilized messaging protocols like WebSocket or MQTT for real-time communication and notifications, keeping users informed about order status updates and promotional offers.
- Implemented logging and monitoring solutions using frameworks like Log4j or SLF4J, enabling effective troubleshooting and performance analysis of the application.
- Ensured compliance with data protection regulations such as GDPR or CCPA by implementing encryption techniques (e.g., SSL/TLS) and adhering to best practices for data security and privacy.
- Conducted unit tests and integration tests using frameworks like JUnit and Mockito to validate the functionality and behavior of individual components and system interactions.
- Implemented continuous integration/continuous deployment (CI/CD) pipelines using tools like Jenkins or Travis CI to automate the build, test, and deployment processes, ensuring code quality and deployment reliability.

Environment: React.js, Bootstrap, JavaScript, Java Spring Boot, Spring Security, OAuth, Hibernate, Spring Data JPA, MySQL, PostgreSQL, Git, Redis, Memcached, WebSocket, MQTT, Log4j, SLF4J, SSL/TLS, JUnit, Mockito, Jenkins, Travis CI