

KALYAN CHAITANYA

+1(940) 594 8810 || bkalyanchaitanya@gmail.com || [linkedin.com/kalyan-chaitanya](https://www.linkedin.com/kalyan-chaitanya) || [KC Portfolio](#)

Summary

Java Developer with 5 years of experience in developing and designing various applications using Java/J2EE technologies. Enhanced system performance and user experience in Healthcare, Educational, Banking and Financial Services. Successfully optimized data storage and retrieval processes in projects, reducing latency and improving overall performance. Looking to leverage technical skills to contribute to high-quality software design and architecture in a challenging environment.

Skills

Java(1.7,1.8,1.11,1.17), PL/SQL, JavaScript, HTML,CSS, XML, Python, Spring, Spring Boot, Spring MVC, JDBC, Hibernate, Spring Data JPA, Java EE, Struts, JSP, Servlets, Oracle DB, MS-SQL, MySQL, MongoDB, Angular, React, Bootstrap, Hibernate, JPA, Apache Kafka, Amazon Web Services (EC2, AMI, SNS, SES, S3, RDS, VPC, CloudWatch, CloudFormation), Kubernetes, Docker, Maven, Gradle, ANT, Jenkins, Eclipse, IntelliJ IDEA, Git, SVN, JIRA, JUnit (4, 5), Mockito, Cucumber, Agile (SCRUM), Waterfall, Spring Boot Actuator, REST, SOAP, Git, GitHub, Bitbucket, GitLab, SDLC, Test Automation, Gherkin, Microservices Architecture, Kafka, JUnit, Mocking

Work Experience

University of North Texas

Java Web Application Developer

Aug 2023 - May 2024

- Enhanced library management by developing **Spring MVC controllers**, leading to improvement in API response times and a 25% reduction in user-reported interface issues.
- Utilized **core Java** concepts to implement backend logic, reducing code complexity and improving system performance by 35% as measured by response times and resource utilization.
- Integrated third-party APIs, with Spring Boot Framework enhancing library services and increase in user engagement with book recommendations and a 40% rise in inter-library loan requests.
- Streamlined backend processes by developing RESTful APIs using Spring Boot, which improved response times by 40%.
- Implemented microservices architecture with Spring Boot, enhancing scalability and maintainability of the library management system.
- Utilized Spring Boot's auto-configuration and dependency injection to simplify application setup and reduce development time by 25%.
- Collaborated with stakeholders to implement new features, resulting in a 90% satisfaction rate among library staff and increase in patron engagement with the library management system.
- Developed intuitive and responsive user interfaces using React, leading to improvement in user experience and a 20% increase in user retention rates.
- Handled very large databases (Oracle and MS-SQL) for enterprise-level applications, optimizing data storage and retrieval processes, which resulted in a 50% reduction in latency and improved overall application performance.

LEGATO HEALTH TECHNOLOGIES LLC

Software Engineer

Oct 2021 - Jan 2023

- Developed AngularJS components and services for the Specialty Rating & Quoting System (SRQ), resulting in a 40% reduction in development time for new features and a 25% improvement in code reusability across the application.
- Designed RESTful APIs using Spring Boot and Spring MVC, enabling seamless integration of various insurance functionalities such as account management, policy tracking, and quote rating.
- Leveraged Spring Boot Actuator for monitoring and managing application performance, leading to a 20% reduction in system downtimes.
- Implemented OAuth Client Credentials authorization using Spring Security, enhancing the system's security posture and reducing unauthorized access attempts by 95%.
- Refined database query processes using Hibernate and JPA, leading to a 45% boost in performance and reducing peak period database load by 30%.
- Performed unit tests using JUnit, Mockito, and PowerMock, achieving a test coverage of 85% across the codebase.
- Containerized microservices using Docker and deployed them on AWS EC2 instances, resulting in a 70% reduction in

deployment time and a 50% improvement in system scalability.

- Integrated Apache Kafka message brokers to handle high-volume data processing, enabling the system to process over 10,000 insurance quotes per hour during peak times, a 200% improvement over the previous system capacity.
- Automated the build and deployment process using Jenkins, reducing the time required for each release cycle by 60% and increasing the frequency of deployments from bi-weekly to daily.
- Managed large datasets and optimized database performance within relational databases, leading to a 40% reduction in data retrieval times and enhancing the overall user experience with faster response times.

Virtusa

Associate Software Engineer

Jun 2019 - Oct 2021

- Engineered and maintained web application, resulting in a 30% increase in operational efficiency and a 20% reduction in manual errors.
- Enhanced data handling efficiency by 35% through the implementation of well-structured Service and Controller classes.
- Optimized database interactions, leading to a 40% improvement in query performance and a 30% reduction in database load.
- Automated more than 20 routine tasks, reducing manual effort by 40% and boosting operational efficiency by 30%.
- Triggered report emails using JMS batch jobs based on the daily, weekly and monthly reports which helped to increase the customer engagement with the application by 2x times.
- Streamlined large data volumes in Oracle DB and MS-SQL, performing complex queries and optimizations that resulted in a 35% improvement in data processing speed and efficiency.
- Managed comprehensive testing strategy led to a 60% reduction in post-release bugs and a 40% decrease in QA testing time.

Education

University of North Texas

Denton, TX

Master of Science (M.S.) in Computer and Information Science.

Jan 2023 - May 2024

Jawaharlal Nehru Technological University

India

Bachelor of Technology (B.Tech.) in Information Technology.

Jul 2015 - May 2019