**A hexagon with blue and white text

Description automatically generated Balu Tikkisetti**

**Full Stack Java Developer**

+1 572 208 9082 | [balutikkisetti@gmail.com](mailto:balutikkisetti@gmail.com) | [LinkedIn](https://www.linkedin.com/in/balutikkisetti/)

**PROFESSIONAL SUMMARY:**

* Seasoned Java developer with 7+ years of experience building high-performance applications across monolithic, microservices, and serverless architectures.
* Proficient in Java 8-17, Spring Boot, Angular 14, React, JavaScript, TypeScript, REST, and SOAP with expertise in responsive, user-friendly front-end development.
* Strong hands-on experience in database design and management with Oracle, SQL Server, PostgreSQL, MongoDB, Cassandra, and Redis.
* Skilled in building event-driven and real-time systems using Kafka, Kafka Streams, and Elasticsearch, ensuring scalability and resilience.
* Leveraged AWS services (EC2, S3, RDS, Lambda, API Gateway, EKS) along with Docker and Kubernetes for scalable, cloud-native deployments.
* Implemented CI/CD pipelines with Jenkins and GitLab, automated builds, monitoring, and zero-downtime deployments using Grafana, Prometheus, and ELK stack.
* Extensive testing expertise with JUnit, Mockito, Selenium, and Postman, ensuring robust and reliable software delivery.
* Experienced in Agile/Scrum and Kanban methodologies, collaborating with global stakeholders, and mentoring teams on full-stack development best practices.

**TECHNICAL SKILLS:**

|  |  |
| --- | --- |
| **Languages** | Java (8–17), JavaScript, TypeScript, Python, Shell scripting |
| **Frameworks & Libraries** | Spring Boot 3.x, Spring Security, Spring Cloud, Hibernate, JPA, React, Angular 14, Node.js |
| **Web & APIs** | REST, SOAP, JSON, XML, HTML5, CSS3, jQuery, AJAX |
| **Cloud & DevOps** | AWS (EC2, S3, RDS, Lambda, API Gateway, EKS), Docker, Kubernetes, Jenkins, GitLab CI/CD, Terraform, Ansible |
| **Databases** | Oracle, SQL Server, PostgreSQL, MySQL, MongoDB, Cassandra, Redis, Elasticsearch |
| **Messaging & Streaming** | Apache Kafka, Kafka Streams, JMS |
| **Monitoring & Observability** | Grafana, Prometheus, ELK (Elasticsearch, Logstash, Kibana), Splunk, Datadog |
| **Testing technologies/tools** | Junit, Selenium, TEST NG, Mockito, Cucumber, Karma, Jasmine, Postman, SoapUI |
| **Version Control** | Git, Bitbucket, Maven, Gradle |
| **Methodologies** | Agile (Scrum, Kanban), TDD, SDLC, CI/CD |

**PROFESSIONAL EXPERIENCE:**

**Sunflower Bank Dallas, TX Jan 2023 – Present**

**Java Full Stack Developer**

**Responsibilities:**

* Designed and developed microservices using Java 17, Spring Boot, Angular 14, Docker, Kubernetes, and AWS, ensuring scalability, performance, and security.
* Built responsive front-end apps with Angular 14, reusable TypeScript components, and form validations; tested with Jasmine, Karma, and Protractor.
* Leveraged Java 17 features (records, sealed classes, enhanced concurrency) to optimize backend performance and maintainability.
* Migrated legacy monolithic systems to microservices using Spring Cloud and 12-factor methodology, enabling faster deployment and scaling.
* Implemented secure REST APIs with OAuth2, JWT, and API Keys, ensuring enterprise-grade authentication and authorization.
* Built Kafka-based event-driven pipelines, reducing data processing time and improving responsiveness.
* Designed and optimized relational (Oracle) and NoSQL (MongoDB) schemas with caching and indexing to boost query performance.
* Automated CI/CD pipelines with Jenkins and Maven; containerized services with Docker and deployed on Kubernetes (AWS EKS).
* Guided architecture design and technology choices, aligning with business objectives and mentoring junior developers.

**Safeco, Seattle, WA Nov 2019 – Dec 2022**

**Java Full Stack Developer**

**Responsibilities:**

* Developed Angular and React front ends with HTML5, CSS3, JavaScript, TypeScript, and AJAX, integrating seamlessly with Spring Boot microservices.
* Designed and implemented microservices using Java 8/11/12, Spring Boot, Spring Cloud, and REST/SOAP APIs for secure and scalable communication.
* Built and optimized applications with Node.js and MySQL on Linux/Apache environments, and refactored legacy code using Java 12 features (Streams, Lambda, Default methods).
* Created reusable Spring components, ORM persistence with Hibernate/JPA, and developed complex SQL queries, triggers, and stored procedures on Oracle and PostgreSQL databases.
* Deployed applications on AWS (EC2, S3, RDS, SimpleDB), leveraging Docker and Kubernetes for containerization and orchestration.
* Automated CI/CD pipelines with Jenkins, GitHub Actions, Maven, and Gradle, and implemented monitoring/logging using Grafana, Prometheus, and ELK stack.
* Implemented event-driven pipelines with Apache Kafka and NoSQL databases (MongoDB, Cassandra) to improve system responsiveness and data handling.
* Applied TDD practices, developing unit and integration tests with JUnit, Mockito, Selenium, and Postman, improving software quality and reliability.

**Johnson & Johnson, New Brunswick, NJ March 2018 – Oct 2019**

**Java/J2EE Developer**

**Responsibilities**:

* Developed single-page applications with Angular, ReactJS, JavaScript, HTML5, CSS3, AJAX, and JSON in Agile Scrum.
* Built scalable backends using Java 8, Spring Boot, J2EE, EJB, JPA, SQL Server, and Oracle PL/SQL.
* Integrated legacy systems with REST and SOAP services, ensuring compatibility and smooth migration.
* Implemented transaction management, optimistic locking, and validation mechanisms for enterprise-grade reliability.
* Used AWS (EC2, S3, RDS) for deployments and Docker with Jenkins for CI/CD.
* Applied TDD with JUnit, Mockito, and Selenium Cucumber for automated testing.

**EDUCATION:**

Master’s in computer science – University of Central Oklahoma  **Jan 2023- Dec 2024**

Bachelor’s in computer science- Amrita Sai Institute of Science and Technology  **Aug 2013-Jul 2017**

**CERTIFICATIONS:**

AWS Developer Associate