

# Eric Leslie Lee

## Senior Java Full Stack Developer

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### SUMMARY

Bringing 8 years of experience in developing scalable, high-performance web applications, with a focus on Java/J2EE, Spring Boot Microservices, and Angular, across both startups and large-scale enterprises. Skilled in leading full lifecycle development projects, from initial concept to deployment, and known for designing resilient RESTful APIs and optimizing cloud environments using AWS/GCP. Known for improving code quality and efficiency, providing guidance to junior developers, and applying agile methodologies. Dedicated to continuous learning and delivering innovative solutions that contribute to overall team success.

### THCHNICAL PROFICIENCIES

**Languages:** Core Java, JavaScript (ES6+), TypeScript, HTML5, CSS3

**Frameworks/Libraries:** Spring Boot, Spring MVC, Spring Data, Spring Cloud, Spring Security, JPA/Hibernate, JHipster, Netflix Eureka, Angular, React, RxJS, NgRx

**Tools:** Node.js, Maven, JUnit, Mockito, Jasmine, Jest, Cypress, Git, GitHub, Bitbucket, Jenkins, Circle CI, Docker, Kubernetes, Apache Kafka, RabbitMQ, Restful APIs, GraphQL, ELK stack (Elasticsearch, Logstash, Kibana) Anyway, bro,

**Databases:** MySQL, PostgreSQL, MongoDB, Redis, Memcached Cloud Services: AWS (EC2, S3, Lambda, SNS, RDS, Elastic Beanstalk), GCP

### WORK EXPERIENCE

- **Senior Java Full Stack Developer**

Unisys | Blue Bell, PA

03/2022 – 09/2024

✓ Designed and developed a high-performance, user-centric e-commerce application using Java, Spring Boot Microservices, and Angular, improving microservice communication and driving a 20% increase in customer engagement.

✓ Implemented performance optimization techniques like Elasticsearch, Redis, memory management, multithreading, and JPA tuning, significantly reducing response times and enhancing application efficiency.

- ✓ Developed and maintained RESTful APIs and user interfaces with Angular, RxJS, and NgRx, enabling smooth data exchange and frontend interactions in the trading system while ensuring scalability and maintainability.

- ✓ Enhanced code quality and reliability through rigorous testing strategies, including JUnit, Mockito, Jasmine, and Cypress for integration testing, which led to a 30% reduction in post-deployment issues.

- ✓ Managed containerized applications with Docker and Kubernetes, ensuring scalability and fast deployments, while setting up CI/CD pipelines using Jenkins and Bitbucket to streamline the development workflow.

- ✓ Integrated Apache Kafka to build a resilient messaging system, enabling real-time data processing and communication between microservices, ensuring seamless scalability and fault tolerance in the trading system architecture.

- ✓ Deployed and tested the application on AWS services like Lambda, EC2, and S3 before moving to production, while also contributing as a DevOps team member.

- ✓ Led a team of six engineers, collaborating with cross-functional teams to design and implement a scalable trading system, mentoring junior developers, and improving product quality through container orchestration and thorough code reviews.

- **Senior Java Full Stack Developer**

Shipwell | Austin, TX

12/2019 – 03/2022

- ✓ Specialized in developing scalable SaaS web applications using Java, Spring Boot, Node.js for backend, and Angular for frontend, delivering robust, responsive solutions tailored to client needs and enhancing user experience.

- ✓ Designed and managed both Relational (MySQL, PostgreSQL) and NoSQL (MongoDB) databases, implementing efficient data models and optimized queries for improved performance.

- ✓ Led the independent migration of an enterprise-level application from JHipster to Spring Boot, streamlining performance, boosting scalability, and enhancing system reliability.

- ✓ Focused on Java performance optimization, employing caching solutions like Redis and Memcached, JVM tuning, code profiling, and comprehensive testing strategies to ensure application efficiency and stability.

- ✓ Leveraged AWS services including EC2, SNS, RDS, Elastic Beanstalk, and Lambda to deploy and manage applications in a cloud environment.

- ✓ Developed sophisticated forms using Angular 9 and Reactive forms with Form Builder, integrating validation and enhancing UI with Angular Material components.

- ✓ Collaborated closely with drilling engineers, project managers, and frontend/backend engineers to optimize resource utilization and operational efficiency, driving successful project execution in the gas and oil sector.

- **Java Backend Developer**

Encompass Health | Austin, TX

07/2016– 12/2019

✓ Led server-side development for Insurance and Healthcare applications, utilizing Java EE and Spring MVC to build robust backend services, and employing Spring Security for secure authentication and authorization.

✓ Developed microservices architecture with Spring Boot, integrating Netflix Eureka for service discovery and Ribbon for client-side load balancing to boost system resilience and scalability.

✓ Designed and managed cloud solutions on Google Cloud Platform (GCP), optimizing infrastructure for performance and cost-efficiency, while using services like Compute Engine, Kubernetes Engine, and Cloud Storage to ensure application scalability and reliability.

✓ Skilled in ORM with JPA/Hibernate for smooth database interactions, with experience in SQL tuning and transaction management across MySQL and MongoDB databases.

✓ Built well-structured RESTful APIs using Spring REST and integrated SOAP web services to enable seamless system communication and interoperability.

✓ Spearheaded CI/CD pipelines using CircleCI and Maven in Agile environments, automating builds, tests, and deployments while maintaining version control through Git.

## CERTIFICATIONS

AWS Certified Solutions Architect (Professional)

Amazon Web Services

Java, Algorithms & Data Structures (Expert)

Triplebyte

Angular, Frontend, Problem Solving (Advanced)

HackerRank

## EDUCATION

The University of Texas at Austin – Bachelor of Computer Science

2012 – 2016