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, 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