

LALITH KUMAR RAJENDRAN

San Jose, California, USA

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Education

Florida State University, Tallahassee

Expected Graduation Date: December 2024

Master's in Information Technology

GPA: 3.97/4.0

Anna University, India

March 2015 : March 2019

Bachelor's in Engineering

GPA: 3.3/4.0

Technical Skills

Languages: Java, C#

Frameworks: Spring Boot, Spring Security, Spring Batch, Angular JS

Databases: SQL, Oracle, MongoDB

DevOps/Cloud Infra: Git, Jenkins, Docker, Helm, ArgoCD, Kubernetes, EC2, VPC, S3, EKS, Load Balancer, ECR

Web Development: JSON, RESTful Web Services, Microservices, JWT, Spring Security, JDBC, JPA

Tools: Junit, JMeter, Mockito, Microsoft Office Suite, Jenkins, Kafka, VS Code, Postman, New Relic, Jira, Confluence

Certification: Oracle Java Certified, AWS Associate Developer, IIHT Full Stack Web Application Developer

Experience

Rivian, Palo Alto, California : Software Engineer Intern

May 2024 – August 2024

- * Led the development of a scalable **observability stack**, to enhance Rivian's software system visibility by 80% through capturing and visualizing the application metrics and traces in Grafana Dashboard.
- * Instrumented 10+ Backend Applications to export traces and metrics to Grafana, which improved visibility by 80%.
- * Automated dashboard deployment through **GitOps** using **Argo CD** to reduce DevOps team overhead by 70%.

Cognizant / Client: 7-Eleven : Associate Software Developer

July 2020 – December 2022

- * Played a crucial role in the design and transition of 7-Eleven's core legacy system to a scalable and reliable **Spring Boot microservices architecture**.
- * Analyzed requirements and implemented **REST APIs** for order and sales processing, secured with **Basic Auth and authorization**, incorporating rate limiting, retries, and circuit breakers to enhance **fault tolerance**.
- * Developed complex **SQL queries** and optimized query performance by 60% using indexing for MOP & CSS Modules.
- * Debugged and resolved **Database concurrency** issues by implementing efficient locking and transaction management.
- * Created **Kafka** producers to publish the Sales event to improve real-time analytics for better financial decisions.

Cognizant / Client: 7-Eleven : Full Stack Software Developer

June 2019 – July 2020

- * Enhanced processing efficiency by 50% through **algorithm optimization**, leveraging **Java** functional programming and streams, ensuring parallel faster order processing across all US Time Zones.
- * Demonstrated use and knowledge of unit testing with **JUnit and Mockito** testing frameworks with 100% coverage.
- * Engaged in triage calls post-go-live to **troubleshoot** production issues, reducing incident resolution time by 80%.
- * Collaborated in **Agile/Scrum** meetings for story grooming to optimize SDLC, improving development processes by 90%.

Current & Latest Projects

TweetApp Clone : [Angular JS, Spring MVC, AWS services, Docker, Kubernetes, PostgreSQL] - [GitHub](#)

- * Designed and implemented Tweet Application using microservices architecture and cloud services, developing backend logic and secured API using **JWT authentication** as part of deepening the understanding of distributed systems.

Cloud Native CI/CD Pipeline : [Git, Jenkins, SonarQube, Docker, Maven, Kubernetes] - [GitHub](#)

- * Developed an end-to-end CI/CD pipeline with continuous deployment and integration, gaining deeper insights into DevOps practices and continuous delivery workflows.

Achievements

- * **Spot Award** - For enhancing concurrency in job processing through Spring Batch.
- * **Spot Award** - For effective collaboration with cross-functional DevOps teams to meet project goals.
- * **Excellence Award** - For providing reliable 24/7 support during go-live and production phases.