Lekhraj Dinkar

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Summary

Over **12 years** of experience in financial services with a focus on customized IT solutions. Expertise in microservice architecture and full stack web development utilizing AWS cloud technologies. Demonstrated technical and analytical skills with a track record of transforming complex challenges into effective business solutions.

Skills

- Cloud solution with AWS using services - IAM, KMS, S3, SQS, SNS, Event Bridge, Lambda, VPC, ALB, API gateway, Aurora, ECS, EKS, ECR, R53, ACM etc.
- Programming language: Java 17, Typescript/JavaScript
- Scripting language : Python and bash
- Secured REST API with OAuth2.0**,** JWT and SSL certificate.
- Microservices Architecture.
- Excellent working knowledge of Spring Framework - Spring-Core, Spring-AOP, Spring MVC, Spring REST, Spring Security, Spring boot, Spring JPA Data with Hibernate ORM, and Maven
- Frontend technologies: Angular 17 /Typescript, SCSS , HTML, RxJS - reactive programming, NgRX - angular redux, Angular material, NgPrime
- Experienced in RDBMS design and adequate knowledge in SQL and worked on Oracle Sybase and PostgreSQL(AWS Aurora global)
- ETL – pySpark transformation and action.
- Hands On Experience on DevOps.
  - Docker and Kubernetes (AWS EKS)
  - CD/CI pipeline – Harness
  - AWS code pipeline
  - Infrastructure as Code - Terraform
  - AWS CDK, AWS cloud formation.
- Confluent Kafka, RabbitMQ, IBM/MQ
- WebLogic12c and Tomcat server
- Have experience in full development life cycle (SDLC) involving analysis, design, development, testing, implementation and maintenance with agile methodologies.
- Involved in reviewing legacy application architecture and provided Road map for Tech uplift, Migration and Modernization.
- Production Support and release management.

Experience

Feb 2022 - current

Technology Lead - US
Capital Group Companies (Infosys Limited) | Irvine, USA

MAPS - Multi Asset Portfolio System

- Building a new system from scratch using cloud-based solution to facilitate trading for internal and external Mutual funds / Exchange trade funds.
- Application has 3 modules – inbound, outbound and engine. Leading the architecture designing and development of outbound module.

Technology stack used:
- AWS services - S3, SNS, SQS, Lambda, fargate, ECS, ECR, EKS, Cloud watch Alarm, Route 53, ACM, Event Bridge, VPC endpoints, ALB, API gateway, etc
- Database - Aurora/PostgreSQL
- Infrastructure - AWS CDK, Terraform, Docker and Kubernetes (on EKS), harness CD pipeline, bash script for CI/CD automation
- Middleware: RabbitMQ, IBMMQ, confluent Kafka
- Programming languages: Java 19 and Python 3
- Restful API with spring-boot and fast Api
- Security with Okta - OAuth2.0 and OpenID connect
- Angular - Redux and RXJS
- ETL with PySpark

Nov 2018 - Jan 2022

Technology Analyst - US, Technology Lead - US
Capital Group Companies (Infosys Limited) | Irvine, USA

FSR - Fund Sales and Redemption + TACT (target Date fund Allocation)

- Backend technical upgrade – Java 8 to Java 11, Hibernate, Struts 2 to Spring Boot web.
- Frontend technical upgrade – Adobe Flash to Angular 10.
- Secure API from LDAP to OAuth2, and add SSL certification.
- Mitigate security vulnerabilities in applications
- Perform coding, unit testing, and Code review.
- Proactively involve in design review meetings.
- Creation of client training material and conduct knowledge transfer.
- Onshore-offshore communication and status reporting.
- Work with QA and UAT team to finalize the release scope and timeline.
- Perform production Release planning schedule and management of deliverables.
- Support production issues, replicate issues on development environment and debug the issues.
- Monitored system performance metrics to ensure optimal operation.
- Conducted data backups and disaster recovery operations.

Achievements:
- Improved application performance significantly to save business fund processing time from 3 hours to 30 minutes.
- Developed internal framework to manage smooth flow of Swift messaging processing.
- Create tool to simulate Swift inbound message for testing team to enhance and speed up integration testing.
- Improved Application user interfaces by adding expand/collapse, automatic scrolling, improved tabular data visuals, better navigation, color coding scheme with angular.
- Lead offshore development team

Mar 2017 - Oct 2018

Senior System Engineer - US
Capital Group Companies (Infosys Limited) | Irvine, USA

OPAC - Order Processing and check complaince

- Releasing the product to UAT for user testing and setup environment.
- Coding and development, Unit testing and Code review.
- Understanding and analyzing the requirement that comes from the client (CGC) as a part of story document.
- Attend Agile Scrum, Sprint panning, daily standup and retrospective meetings at client location.
- Active interactions with clients and BSA to gather the business requirements.
- Analyzing and recommending the changes required in the current systems and upgrading the current system to latest technologies.
- Evaluating and identifying various technologies available to meet the requirement.
- Support production issues, replicate issues on development environment and debug the issues.
- Perform root-cause analysis of any issues that arise post-implementation and work on solutions related to issue fixing.

Feb 2014 - Feb 2017	**Senior System Engineer, System Engineer** Capital Group Companies (Infosys Limited) | Pune, India COPS - CRMC order processing System - Understanding and analyzing the requirement that comes from the client (CGC) as a part of story document. - Attend Agile Scrum, Sprint panning, daily standup and retrospective meetings. - Attend design review meetings. - Project Development and coding. - Code merge, build and deployment. - Participate in code and design reviews. - Handling production issues and debug/replicate the issue on development environment to find the root cause and provide resolution. - Achievement: Improved batch performance from 45 minutes to 7 minutes to complete the nightly batch completion time. - POC on JMS communication and integrate it with application to receive data from upstream system asynchronously.
April 2013 - jan 2014	**System Engineer** SBI - Finacle Migration (Infosys Limited) | Pune, India - Worked on Finacle Migration project from 7x to 11x version for SBI - State Bank of India for 25 countries. - Develop menu with HTML and JavaScript validation - Finacle backend script with shell script.
Aug 2012 - March 2013	**Trainee** Infosys Limited | Mysore, India Completed training on - Software development life cycle - Java 7 - web development with JSP, html, css, JavaScript - RDBMs and PL/SQL - Finacle (Infosys Banking product).

Education

Bachelor of Technology|Computer Science and Engineering
Maharaja Surajmal Institute of Technology, GGSIPU
New Delhi, India|May 2012

Websites

https://www.linkedin.com/in/lekhraj-dinkar-25872140/
https://github.com/lekhrajdinkar

Certification

- Stephane Maarek | AWS Certified Developer Associate on Udemy | https://www.udemy.com/certificate/UC-8d98a19b-1742-4a02-a612-2b7cc99148dd/
- Stephane Maarek | AWS Certified Solutions Architect on Udemy | https://www.udemy.com/certificate/UC-20929e5d-c26f-4861-bad8-c14d5efc7824/
- Apache Kafka on udemy | https://www.udemy.com/certificate/UC-e19503bb-0bb9-4512-8ece-687fcbb3780f/
- Kubernetes Certified Application Developer (CKAD) on udemy | https://www.udemy.com/certificate/UC-feee838c-bd35-435c-a3b5-bb2d7d6f5b5a/
- Angular - The Complete Guide on Udemy | https://www.udemy.com/certificate/UC-8561f28d-11b7-4f2a-a689-b1378a157082/
- JavaScript - The Complete Guide on Udemy | https://www.udemy.com/certificate/UC-ff2f4ad9-17f3-4630-945f-8c348ecf2db7/