

Dharm Kakadiya

Full Stack Java Developer

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HIGHLIGHT

With over Five years of full-stack development experience, I consistently deliver top-tier solutions and seamlessly collaborate within Agile frameworks. Proficient in Java, my focus on Spring Boot and Hibernate ensures efficient development and robust database management. Committed to staying abreast of industry trends, I am adaptable to evolving project needs, making me a versatile and dependable contributor to successful outcomes.

CERTIFICATION

- [AWS Certified Developer – Associate](#)

WORK EXPERIENCE

Full Stack Java Developer - TechnoApp Solution Private Limited

May 2017 – APR 2022

- Rendered solid technical expertise in Software Development Life Cycle and core Java technologies to develop applications in Core-Java, Spring-Boot, JPA, Hibernate, and OAuth2.0, CI-CD & Front-end Development.
- Single-Handley wrote the OAuth2.0 security module which has increased the accessibility of user management.
- Developed highly interactive and customized UIs using ReactJS, HTML, JavaScript, and CSS to Improve the functionality of web applications.
- Performed unit testing of applications by developing and applying test cases in Junit.
- Enhanced the quality of code and optimized application performance, leading to a 46% reduction in bugs in one of the major applications of the firm by measuring with tool like Sonar.
- Responsible for creating and maintaining architecture for Restful API using Spring Boot and exposing and documenting using Swagger & Rest-docs.
- Developed application with help of Java Collections, Generics, Streams and Spring Boot Actuator to monitor and manage in production.
- Hosted the Caching mechanism into the application using Redis to improve the overall performance of the application.
- Integrated internal spring module to the external micro-service using RestTemplate which simplified operations.
- Good Knowledge of DAO, DTO and Model View Controller.
- Experienced in the Agile (SCRUM) Development Process.
- Solid understanding of development to deployment based on industry standard practices.
- Created Jenkins multibranch pipelines to build and deploy project over a Linux server.
- Optimized existing codebase with functional programming, altering the existing data structure with relevant Collection classes & efficient use of existing java libraries.

SKILLS

Java/8	Spring-Boot	Spring-Security	Hibernate	REST	JPA	Maven	Junit	Microservices
Reactive	Functional	ReactJS	Jenkins	Docker	Postgre	SQL	Beanstalk	OAuth2
Putty	IntelliJ	VS-Code	Git	ECR	CloudFront	DataDog	Threading	HTML
Lambda	EC2	ECS	S3	IAM	API-Gateway	VPC	Route53	DynamoDB
SNS	SES	CloudWatch	Spring-Gateway	Eureka	Hystrix	Resilience4j	Config-Server	Feign

EDUCATION

- St. Clair college - **Data Analysis for Business**
- SSCCS College - **Bachelor of Computer Applications (BCA)**

May 2021 – May 2023 | Mississauga, ON
2016 – 2019 | Gujarat, India

PROJECTS

(1) CISG Gateway

- Developed multiple Spring boot REST API's using MVC framework and JPA which interact with database and third-party external services using WebClient to fetch the ITR File details.
- Design and developed a security module using Spring Boot Security & OAuth 2.0 and deployed it into the micro-service which has been configured using API-gateway for routing and separate out the security area from the business functions.
- Implemented a spring boot scheduler using a cron expression which automatically checks the multiple stages of the ITR files and updates the database in background which has significantly reduced (almost 70%) the unnecessary client (UI or API) calls.
- Used multi-threading to call multiple micro-services asynchronously based on certain conditions to generate the PDF's.
- Used Circuit-breaker pattern using Hystrix to implement the fallback mechanism in the application by isolating the failing services and stopping the cascading effect of failures.
- Heavily used Lombok, Lambda function, Collections & Generics, thread-safe bean creation and many other techniques.
- Leveraged the Java designed pattern to manage the bean creation in a very efficient way which has improved the memory usage and architecture style of the project.
- Exposed the API using Swagger and externalized the Configuration using API Config to manage the multiple micro-services smoothly.
- Integrated the application logs to the Datadog to search, monitor and visualize applications errors, behavior and performance.

(2) UPC (Universal Product Code)

- Developed a real-time UPC generator that can consume and publish tons of records by using AWS S3, Lambda, NIFI and DynamoDB and many other AWS resources.
- As a Lead Developer, got the opportunity to put my hands on applications architecture and cloud design which includes API Gateway, VPC, Route53, CloudFront, Certification Manager, and S3 and other internal services.
- Developed a REST API for the application which generates the unique product code based on internal algorithms and push the UPC code to the UPC pool where it will be randomly picked up by any scheduler or any client call.
- Customized a twitter type-ahead library for UI to retrieve the UPC codes out of the pool/database which reduced 80% of random search and that improved database and application performance.
- Hosted a UI sites into the S3 bucket to leverage the AWS caching and combined with CloudFront to serve it worldwide.
- Enforce the TDD (Test Driven Development) using Junit5, Mockito and PowerMock to ensure the application is bug-free before going to production.
- Implemented the caching in the application to using spring-boot-starter-cache and used Redis cache cluster which has 80% improved the response time and overall efficiency of an application as there are high chances of repeated calls in the application.
- Setup an AWS automation pipeline where external client's push the JSON files into the S3 bucket which got automatically processed and stored into the database by Lambda function, and which also trigger DynamoDB Stream, and further flow store the files into the FTP server as well using the NodeJS and AWS boto3 Client.
- The client has reported 0 defects during and after the warranty period of the product.