**Anil Dabas**

Senior Java Developer| Senior API Developer

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**Executive Summary**

Expert Java Developer with 6 years of experience in developing Web Applications / API development. Specialties include Core Java, Spring Boot, and Hibernate, Microservices, AWS and Agile Elastic search. A self-starter, dependable developer recognized for leading team to success with optimized cost & increased productivity

**Skills**

* Delivered project in less than 75% of the targeted time and 2 Million HKD less than the targeted budget
* Trained & made new joiners development ready in less than 2 weeks with all tech and functional spec
* Doubled productivity of the development team using advanced development strategy.
* Designed robust databases to handle around 1 Million records daily
* Excellent analytical and problem solving skills with written and verbal communication skills.
* Experience in high performance and distributed systems and messaging.
* Worked for handling DevOps related functions in the team for almost 1 year related to CI/CD Pipelines.
* Experience in organizing and performing Prototyping and proof of concepts.

**Technical Skills**

* Core Java, Spring Boot, Hibernate, Microservices Architectures, AWS Cloud, CI / CD, API Gateway, API Security , GIT, Swagger UI, Design Patterns, PaaS & SaaS Based applications, Technical Documentation, OOP, Functional Programming, BDD
* My SQL, Oracle, PLSQL, Stored Procedures, ER diagrams, Use Case diagrams, IBM MQ
* Kubernetes, Docker, Jenkins, Jira, Confluence Bit Bucket, Sonar, Crucible for code review
* Unit Testing Mockito JUnit automated build and test systems, Spring Boot Integration Unit tests.
* Development Using Java 8 features like Lambda expression Stream API, Predicates, Functional Interfaces Test Driven Development TDD, Agile Development & managing team deliverables, Pair programming.
* Query Optimization (result based and time based) form several minutes to less than 1 second.
* Worked closely with users in leading investment bank in Rates pricing and distributed systems, Aviation, Logistics, Human resource, Work force management, Telecom, e-commerce .

**Certifications**

* Professional Scrum Master – 1 (PSM-I) – By Scrum.org
* Oracle certified Java Developer
* UCF – Java – 92%
* IKM Certified Java Developer J2EE – 8 – 94%

**Professional Experience**

**Cathay Pacific Airways**

***Solution Analyst & Java Developer* 09/2018 - Present**

Developing and delivering Baggage engine Application to handle missing baggage based on Microservices architecture deployed on cloud which reduced the baggage processing time from 20 to 2 minutes & Lead Cathay to save around 200 Million HKD per year

**Roles and Responsibilities**

* Solution Design to processes Message from IBM MQ, Designed the request flow using Spring boot for 3 tier architecture (Controller, Service, Repository layer along with DO and DTO and Mapper interface)
* Designed the database of the application for Handling of Millions of data flow every day using database Technologies.
* Business requirements Gathering for specification, Software Design & Software Development life cycle
* Used data analytics machine learning and reporting this was part of one separate module to analyse the behaviour of the data flow
* Actively participated in Sprint Grooming, Planning, Development, Review and Retrospective worked with team to make them understand the concept and importance of Agile and how to effectively apply it.
* Helped to save 1 Million HKD by optimizing resource and task allocation in development team that helped to reduce technical debt to ensure maintainability and reduce costs of running
* Optimized queries which decreased the processing time of 4 to 6 Minutes to 2- 4 milliseconds.
* Docker based Containerised application Containerisation management is done using Kubernetes.
* Developed a solution to process the bag 30% faster than Amadeus
* Spring Boot Microservices Rest API, AWS cloud, CI CD, TDD were the main technologies.
* 98% Code Quality as per SonarQube.

**Vinculum Limited, Hong Kong**

***Senior Software Engineer* 11/2017 - 09/2018**

ZARA a large project to manage Vessels their Transportation loading unloading & labour management using SpringBoot, Microservices, AWS, Hibernate, TDD, RESTful, API,Docker, OpenShift.

* Lead a team of 3 to develop Damage control Module with in a tight schedule of 1 Month
* Developed container tracking app to track containers with just 2 clicks which helped to decrease the processing time to 1/3 and later helped Data analytics team in there Machine Learning.
* Designed API and server for Drone based container monitoring a major project for future AI by BU.
* Part of Analytics team for performing data analytics helpful for market analytics on inactive data stored in Elastic search in AWS environment.
* Lead Quick action team of 5 to develop Vessel status reporting module with heavy data flow in 2 months of time. Awarded as the best team of the quarter.
* Conducted weekly Brown bag sessions to help the team share and gain knowledge of burning technologies.

**Kronos Solutions Pvt. Ltd, Noida, India**

***Senior Software Engineer* 12/2016 - 11/2017**

Work force ready was a B2B HRMS product with features of Time & Labor management, Payroll, Application management & screening HR management using Spring boot, Microservices, AWS, Hibernate, Rest API TDD.

* Developed Application knockout feature with 2 levels of Knockout Questionnaire for pre-screening job applications that can be customized on the basis of different Job posting that resulted in decreasing the recruiters’ workload by 80%. It was one of the most commendable feature by our clients.
* Provided a SaaS HR Solution to do radius search or Heat map search for applications.
* Technical skill tracker as feature which helped Users to double the team productivity in 3 months’ time and helped them to analyse the employee strength and weaknesses using graphs UI

**State Street**

***Senior Software Engineer Freelance* 09/2016 - 11/2018**

Worked as freelance Software developer with State Street for their Equity Derivatives application focused on capital markets for their front office and Middle office management the main tech stack involved was Springboot, Microservices, AWS, multithreading, concurrency, JUnit, Mockito, Hibernate, TDD, Rest API

* Designed CAS system for Customer Acquisition, Documents verification.
* DMS is a complete application for managing the Buyer, sellers, transactions, transferable, underlining assets, deposits, recordings and reporting involved in the derivatives.
* Provided training to their team and made them available to support within months’ time
* Meeting with the Business to gather the problems they are facing and to discuss the potential solutions.

**Hughes Systique Corp., Gurgaon, India**

***Software Engineer* 07/2016 - 11/2016**

Developed OSS Agent to manage all components of SBSS. That helped in Consolidating status of network/cluster machine and then passes it to cluster Manager and then to manager of managers related to the status of the Device.

* Formulated user stories after discussion with Business team and dividing them into Jira tasks.
* Worked on cache managed solution for Status tracking Using spring boot cashing which decreased service time by 50%.
* Developed API’s to retrieve the live status of the devices and returning it as a consolidated status in JSON
* As Individual contributor Worked on legacy code Migration into a Spring Boot managed code.

**Wipro Technologies, Grater Noida, India**

***Software Engineer* 09/2013 - 06/2016**

Worked as a developer with State Street for their low latency application focused on capital markets and rates Business the main tech stack involved was Springboot, Microservices, AWS, multithreading, concurrency, JUnit, Mockito, Hibernate, TDD, Rest API

* Strong Fixed price income product knowledge.
* Improved the technical capabilities for the platform and insure it remain stable, flexible and maintainable using creative and Innovative approach.
* Written algorithms for the low latency application and OO design patterns.
* Tested and made automation test cases using JUnit, Mockito, Spring Integration Test Cases
* Integration of API’s with Angular and Angular Coding were my responsibilities.

**Achievements**

* Being best developer Cathay offered permanent position and free flight after completion of project.
* 1000 USD for the best idea in Hackathon by Cathay pacific which can decrease human efforts by 60%.
* “Feather in the cap” for Introducing Container tracking app in ZARA which resulted in 70% easy service.
* Youngest innovator of the month in team by Kronos for suggesting 2 layered Knockout Questionnaire.

**Education**

Bachelor of Technology, Electronics and Communication   
GGS Indraprastha University, New Delhi, India