Abhishek Trivedi

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**Summary**

* A technology driven professional with 6+ year of experience in software development.
* Good understanding of Object Oriented Programming and Data Structures.
* Good end to end product development experience in Java, Python, SpringBoot, Kafka, AWS, Microservices, MySql.
* Strong analytical and problem solving skills, effective written and verbal communication and interpersonal skills.

**Experience**

* **Software Engineer (L2)**

Organization : Redaptive Services Private Limited

Duration : Jan’24 - Present

* **Software Engineer II**

Organization : Rapid7

Duration : Sep’21 – Dec’23

**Projects**

**Cross VPC Connectivity for AWS MSK:** Lead a project and implemented a feature where topics of MSK from an account can be consumed by services in other account and created service which consumes payloads from the MSK.

**Outcomes –**

* + - Eliminated the resources and reduced the cost of aws resources.
    - The data can be directly consumed instead of going through multiple hops.

**Technical Accomplishments –**

* Understood multiple networking components of AWS.
* Set up the kafka consumers and producers for scalability.

**Responsibilities –**

* Lead the whole project, did feasibility analysis and POC.
* Analysed the overall solutions and documented the limitations.
* Created python scripts to automated the manual work

Skills/Tools –

Terraform, IaaC, AWS PrivateLink, AWS NLB, Apache Kafka, SpringBoot

**Hystrix to Resilience4j Migration:** Worked on common usable modules to migrate from hystrix to Resilience4j

**Outcomes –**

* + - Minimal changes to migrate to resilience4j
    - More control on resiliency (circuit-breaker, bulkhead, time-limiter properties can be followed by default or can be provided by service name)

**Technical Accomplishments** –

* Familiarizing with Supplier Functional Interface
* Generic configuration and custom configurations by service and api names.

**Responsibilities** –

* Detachable modules (Consumer has option to incorporate the module they want to use from resilience)
* Research and implement how to create configuration (generic and by Api) dynamically using Netflix Archaius

**Skills/Tools** –

Java 11, SpringBoot, Spring AOP, Resilience4j, Netflix Archaius, TestNG, Mockito

**Monolith Services Separation:** Separation of monolith services into multiple domains

**Outcomes –**

* + - Load on database has been reduced.
    - Improved performance of overall product
    - Multi modules helps in never letting the product go down.

**Technical Accomplishments –**

* Real time implementation of SOLID principles.
* Code refactoring & optimization
* Multi pom projects to have common re-useable code.

**Responsibilities –**

* Identify common code, refactoring and write re-useable libraries
* Design APIs and improve performance.

**Skills/Tools –**

Java 11, Python, SpringBoot, Spring AOP, Terraform, Aws, Jetty, MySQL, Cassandra, Spinnaker, Kibana, Hystrix, Datadog, TestNG, Mockito

* **Sr Software Engineer**

Organization : Optum Global Solution

Duration : March’21 – Sep’21

* **Software Engineer**

Organization : Optum Global Solution

Duration : April’19 – Feb’21

**Projects**

**Benefit Clarity Management:** Automation of manual claim management process.

**Outcomes** –

* Reduced document generation process duration from 1 day to 3 minutes.
* 50% improvement on completing the generated document.
* 90% re-usability of templates.

**Technical Accomplishments** –

* A Kafka cluster to act as bridge between multiple microservice for communication and transfer content to & fro.
* Automating the feed input into system based on system’s load.
* A Comprehensive monitoring system to view the real time status of document generation.

**Responsibilities** –

* Activity includes coding, testing, integration, performance fixes and deployment.
* Direct interaction with client for requirements and status calls.

**Skills/Tools** –

Java 8, Python, Spring, SpringBoot, Spring Integration, Tomcat, MongoDB, Docker, Jenkins, Kafka, Rest Services, Splunk, RHEL, OpenShift, JUnit

* **Software Engineer**

Organization: Fareportal India

Duration : July’18 – March’19

* **Intern (Software Development)**

Organization: Fareportal India

Duration : January ’18 – June ’18

**Projects**

**Auto-Ticketing**: A Java based backend Application which is used to automate the process of ticketing on different Engines.

**Responsibilities**

* Implementation of new Engines for execution of ticket-Issuance.
* Enhancing the existing code.

**Chargeback Data Management**: An Angular 4 and SpringBoot based CRUD web application.

**Responsibilities**

* Reusable component creation (custom directives, pipes).
* Consuming the Api fetched data and binding it to UI inputs.

Custom and conditional validation implementation.

**Technical Accomplishments** –

* Increased overall application’s code coverage up to 85% via unit tests
* Custom filters to process data on UI from database
* Conditional validation to better support business logic

**Skills/Tools** –

Java 8, Angular, MySql, Rest Services, SpringBoot, Jenkins

**Credentials**

Professional:

* MCA from GGS Indraprastha University in 2018 with 8.44 CGPA.

Academic:

* B.Sc(Mathematics) from Delhi University in 2015 with 77.65%.
* XII from UP Board in 2012 with 80.8%.
* X from UP Board in 2010 with 78.50%.

Technical:

* Operating Systems: Windows, Linux, RHEL
* Technology: Java, Python, Rest, Spring-AOP, Hibernate, Redis, Cassandra, Kafka, OpenShift
* Web-Technology: SpringBoot, JavaScript, NodeJS
* Tools: IntelliJ, Docker, Grafana, MySql, GIT, Jenkins, Datadog, Splunk

**Achievements/Activities**

* Successfully completed Core Java training course from NSIC Ltd.
* Team Member for organizing C-DAC Noida annual fest.
* Attended workshop on HTML5 and CSS3 at IIT Delhi certified by Robosapiens India.

**Personal Projects**

* **Hacker-News Client:** A simple SpringBoot project which categories/cache the data from HackerNews firebase Api

URL: <https://hacker-news-insider.herokuapp.com/swagger-ui.html>

* **MEAN-CRUD App:** A simple mean stack application which supports CRUD operations

URL: <https://github.com/Abhishek5456/Mean-CRUD-App>

* **Restaurant Management System:** A Java Jframe form based desktop application which allows to generate the order for a customer on the pre-decided menu of the restaurant.

URL: <https://github.com/Abhishek5456/restaurant_mgmt_system>

**Personal Details**

**Date of Birth**  : 16th February 1996 **Nationality** : Indian

**Father’s Name** : Nand Kumar Trivedi **Mother’s Name**  : Kanti Trivedi

**Address**  : 190 Pocket B Sarita Vihar Delhi 110076

**(Abhishek Trivedi)**