

# Milap Radia

Canada Permanent Resident

<https://github.com/milapradia>  
<https://www.linkedin.com/in/milapradia>  
[milapradia@gmail.com](mailto:milapradia@gmail.com)  
<https://leetcode.com/milapradia/>

## About me

Experienced Java Backend Developer with over 4 years of hands-on experience in building robust, scalable backend systems. Proficient in designing and implementing event-driven architectures using messaging services for asynchronous communication and event-driven patterns for seamless coordination between microservices.

Currently, part of team building an API-first cloud-native eCommerce Software as a Service platform. Well-versed in backend technologies including Java, Spring, Spring Batch, databases such as NoSQL (MongoDB) and SQL, Apache Spark, AWS.

## PROFESSIONAL EXPERIENCE

### Fabric Inc

Pune, India

#### Software Development Engineer 2

Jan 2022 – Present

*Fabric Inc is a unicorn (1.5B USD valuation) backed by Investors like SoftBank, Redpoint, Stripes providing Headless Commerce as a Service. Headquartered in Seattle and has offices in Canada and India.*

*Joined as SDE 1 in Jan '22. Was promoted to SDE 2 in July '23.*

- Designed and implemented Inventory Management System.
- Built highly consistent and high availability robust APIs that serve **10 million requests per day with peak load of 100 requests per second.**
- Capability to search inventory **by geographic proximity and availability at nearby stores.**
- Devised **fail safe import mechanism** to import nightly overlay **feed scaling to 5 million records.**
- Perform data transformations using **MongoDB aggregation pipeline and Spring Batch.**
- **Improved complex data pipeline** using batch and parallel processing to **reduce running time by 80 %.** Utilized frameworks like Spring Batch and Apache Spark for the same.
- Automated database index creation using Liquibase
- Implemented **business operational alerts** using **AWS Scheduler** to monitor business metrics, enabling proactive resolution of critical issues.
- Designed and implemented feature to enable **scheduled store closures** to prevent orders from routing to those stores during maintenance or other planned downtime, ensuring uninterrupted service for customers.
- **JAVA, Spring, Spring Batch, NoSQL - MongoDB, AWS, GIT, ETL, Apache Spark**

## **SAP Labs**

Pune, India

### **Developer Associate**

Jul 2021 – Dec 2021

*Fastest growing subsidiary of SAP, a multinational company that provides customers with world-class business solutions.*

- Trained in **JAVA, Spring, Database Design, Microservices, SQL.**
- Part of the team responsible for building the Agriculture Contract Management System.

## **Infosys Limited**

Pune, India

### **Senior Systems Engineer**

Aug 2016 – Jun 2019

*A Top 3 IT services brand globally. Leads the IT services industry with the fastest CAGR in brand value over 5 years. Company is spread across 247 locations in more than 54 countries.*

- Joined Infosys as Systems Engineer right out of college. Was promoted to Senior Systems Engineer in Oct 2018
- Automate infra support activities like monitoring disk space, data purging using python and shell scripts.
- Developed python script to migrate data from Teamforge to Rally.

## **EDUCATION**

### **Indian Institute Of Technology**

Kharagpur, India

Masters of Technology - Computer Science

**2019 – 2021**

### **G H Patel College of Engineering and Technology**

Anand, India

Bachelors of Engineering - Computer Science

**2012 – 2016**

## **Technical Skills**

**Languages:** Java, C++, Python, SQL, MongoDB Query

**Frameworks:** Spring, Spring Batch, Apache Spark, Mongo Aggregation, Event Driven Architecture.

**Developer Tools:** Git, Maven, Docker, GitLab CI, AWS, IntelliJ, JIRA, Confluence, Terraform

**Services:** Messaging Queue, Distributed Cache, Micrometer, DataDog, API Gateway, Spring Cloud

## **AWARDS**

2019	top 330 / 99932	GATE - Computer Science
2015	Global rank 552	Google KickStart Round E
2020	Silver Medal	HackerRank HackFest
2021	Top coder	Crack the Code with DP World

## **CERTIFICATIONS**

Deep Learning

Sep 2020

DeepLearning.AI

Coursera

Courses: Neural Networks, Hyperparameter Tuning, Convolutional Neural Networks, Sequence Models

Credential ID: LER36MEYB6ZB