

Priya Aryav

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Summary

- Software Engineer with **4.9+ years** of experience designing, developing, and deploying **50+** Microservices, Web applications, APIs and Features from scratch in Java and Spring Boot.

Work Experience

IBM - Software Engineer

Bengaluru, Karnataka

Lowe's DIP Integration Applications:

June 2024 - Present

- Built real-time data pipelines from scratch using Java, Kafka, and databases, reducing latency by **90%** with added scalability features.
- Led Cucumber framework adoption for microservices, improving code quality by **30%**, cutting bugs by **25%**, and guiding team rollout.

TCS - Software Engineer

Oct 2020 - June 2024

Digital Services Applications:

- Implemented autocomplete search on UNFI website, increasing search-to-sale conversion by **14%**.
- Optimized Elastic Search with refined queries, cutting response time by **50%** and boosting sales **12%**.
- Developed and scaled 12 core REST API operations for Store and Product data management, reliably handling over **10K** daily calls.
- Designed price calculation feature, enabling updates for stores, with **50%** store subscription rate.
- Architected database for DSD and catalog service for store and product flow that reduced DB read and write operations time by **60%**.
- Built a store and product UI page in React allowing users to create, search, and update details, resulting in **500** new stores and products added per week.

Tibco Applications to Java Migration:

- Increased the overall efficiency of **six** applications by **4x times** by **rewriting** the old Tibco services in Java and Spring Boot microservices, leveraging Spring Batch and Integration.
- Created a reusable Bulk API V2 client component for Salesforce data/file transfer, achieving a **50%** increase in throughput and a **3x** efficiency gain.
- Improved the response time by **30%** by adding caching and restructuring the API and query.
- Implemented real-time application monitoring, metrics, and alerting using Grafana, decreasing application downtime by **80%**.

Supply Chain Application:

- Designed and implemented a new Edeals feature using Excel uploads, streamlining the process and increasing daily deal creation by **20%**.
- Created a React UI for deal uploads via Excel, leading to adoption by **1000** users weekly and a **60%** increase in uploads.

Written **unit and integration test** cases for all the above applications in Spock & Groovy, Cucumber framework with 80% code coverage.

Skills

Languages: **Java, Python, JavaScript, C++**

Frameworks: **Spring Boot, Hibernate, Maven, React, HTML, CSS**

Technologies: **MySQL, Redis, MongoDB, Elastic Search, Kafka, AWS, CI-CD**

Tools: **GitHub, Linux, Docker, Kubernetes, Grafana, JMeter**

Concepts: **DSA, DBMS, OS, AI, OOPs**

Education

Bengal College of Engineering and Technology, Durgapur

Aug 2016 - July 2020

B.Tech in Computer Science and Engineering [CGPA - 8.93/10]