

# DEEPAK

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## SKILLS

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**Technology Stack:** SpringBoot, Apache Camel, Redis, Kafka, Hbase, MySQL, Docker, Kubernetes, CI/CD, Maven, Gradle, GitHub, CI/CD.

**Technical Skills:** Java, Python, Junit, Shell/Linux Scripting, HTML, CSS, Groovy, Data Structures Algorithm, RESTful MicroServices, System Design(HLD,LLD), Operating System, DBMS.

## EXPERIENCE

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**Product Engineer And Instructor**

April - 2024 - October - 2024

**CODING BLOCKS**

*Delhi , IN*

- Developed features to enhance user experience, increase satisfaction, and improve website engagement and retention by providing easy access to relevant content.
- Authored Internal API for Search and Localisation Support.

**Software Development Engineer**

September 2022 - March 2024

**FLIPKART**

*Bengaluru , IN*

- **Enhanced Framework Efficiency:** Undertook optimization and redesign of the fork join feature within an internal Apache Camel-based framework. Successfully developed and delivered the functionality by eliminating locking mechanisms and integrating Redis. This initiative resulted in significant enhancements to the Turnaround Time (TAT) metrics for seller listing creation and a notable reduction in system deadletters.
- **Rich Product Description:** Contributed to a project focused on using GenAI, specifically leveraging the OpenAI chat APIs, to produce compelling product descriptions. Subsequently, we undertook the task of scaling this initiative to encompass approximately 230,000 individual products, all of which were featured on the Flipkart Mobile App. This endeavor yielded significant consequences, notably a substantial reduction in the requirement for manual labor and the revision of pricing strategies that had previously been employed for the generation of product descriptions.
- **Feed Widget on Product Page:** Owned end-to-end process, lead design, implementation, and delivery of services such as search feed widget on product page, sale fee, value-added services, and EMI enhancements. Effectively managed stakeholders including Project Managers, Architects, Engineers, and Design Team
- **Integration Testing Framework:** Designed and implemented a robust, end-to-end integrated testing framework for Flipkart's Catalog Management system, ensuring seamless functionality and integration testing. Developed a user-centric FAT JAR/Library, reducing time and automation costs while providing cross-team usability for implementing robust integration frameworks within the organization.

## EDUCATION

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**B.E. Computer Science Engineering,**

Delhi-NCR(Class of 2017)

**Coursework:** Algorithms, Data Structures, Operating Systems, Database Management System, AdvanceOS, Networking

## PROJECTS

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**Built Backend Clones of Instagram/OLA/Splitwise** Converted requirements to a Minimum Viable Product similar to their backend. Designed Class structure, use-cases and implemented the APIs to mimic Applications backend.

**Loan Spring Application** Developed a loan application using the Spring Boot framework, ensuring efficient and secure loan processing. .