DEEPAK SHARMA

EXPERIENCE

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Software Development Engineer In Test:Flipkart ,September2022- April2024 DOMAIN: Catalog and Buying Engineering ;
Project - 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

Project - 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.

Project - Client Service For Automation Framework

- Led collaborative development of a sophisticated client service that efficiently stored responses for testing purposes.
- Co-authored the design and implementation of mock APIs, empowering flexible manipulation of ML model calls and delivering tailored responses.
- Key contributor in planning and executing test scenarios across multiple teams, utilizing the mock service to simulate real-world scenarios and evaluate system behavior.
- Proactively participated in debugging and troubleshooting efforts, ensuring the optimal system functionality.
- Demonstrated strong problem-solving skills and a proactive approach, constantly exploring innovative ideas to enhance the capabilities and performance of the mock service.

SKILL SET

- Java, Python, Kubernetes, Docker, Junit, Kafka, Maven, SQL, CI/CD, Shell Scripting, HTML, CSS, RESTful MicroServices GitHub, Groovy, Data Structures, GraphQL, SpringBoot, GCP, React, AWS, Java Script, Angular

EDUCATION

Delhi-NCR SRM University June (Class of 2017) • BTech in Computer Science Engineering. GPA: 6.9.

- Coursework : Algorithms, Data Structures, Operating Systems, Database Management System, Theory of computation, Architecture, Networking, Computer Programming, Advance OS.

PROJECTS

- **Built a Backend Clone of Instagram:** Converted requirements to a Minimum Viable Product similar to Instagram's backend. Designed Class structure, use-cases and implemented the APIs to mimic Instagram's backend.
- **Built a Backend Clone of Ola:** Designed Minimum Viable Product similar to Ola's backend. Implemented class structure, use-cases and implemented the APIs to mimic Ola's backend with different functionalities.
- **Personal Assistant Robot**: A robot built for monitoring the environment using cameras and ultrasonic sensors. It was built using RaspberryPi and programmed using Python, IoT
- **Loan Spring Application :** Loan app created with spring boot framework Developed a loan application using the Spring Boot framework, ensuring efficient and secure loan processing..
- **Splitwise Backend :** Created splitwise backed clone using Java Engineered a backend system reminiscent of Splitwise, utilizing Java. Implemented functionalities for seamless expense tracking and splitting.