






Dhruv Mehta

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Work Experience

SDE-1, Dream11

2023–2025

Spends Platform

An in-house platform to streamline the creation and execution of promotional campaigns, enhancing user retention and revenue growth.

- **SDLC Autonomous** Autonomously build entire features covering entire SDLC—from concept and design to development, release, and monitoring—to ensure robust performance and reliability.
- Enabled product managers to create and manage campaigns with advanced features (cohort selection, scheduling, user exclusions, promotion overrides, custom alerts).
- Implemented end to end testing framework to ensure reliable and fault tolerant system

GQL Federation

Devised and executed a multiphased strategy to federate Dream11's high-throughput, client-facing monolithic GraphQL service.

- Designed the architecture to handle 2.5M requests/sec, optimizing the router service by 45% and reducing cloud costs by 30%.
- Established comprehensive CI/CD pipelines and SOPs, enabling a seamless developer experience and independent team deployments.
- Resolved subgraph deployment challenges by reducing deployment complexity from linear to constant time.

Causal Inference Platform A platform to run causal models to analyze relationships between key business metrics.

- Collaborated with product managers to refine requirements, facilitating independent development that empowered data science teams to forecast future metrics.
- Integrated observability and testing frameworks, ensuring production quality and minimizing downtime.

SDET-1, Dream11

2021–2023

Mobile Testing Automation Framework

Developed a mobile app testing automation tool using Appium, TestNG, and Java.

- Automated testing for over 1,000 core app flows, reducing test run times by 40% through a custom mock server that bypassed unstable Kubernetes environments.
- Enhanced CI/CD and QA processes, accelerating release cycles, and improving overall product stability.

Profile

Software Engineer with 4 years of experience designing and developing distributed systems of high scale and GraphQL microservices. Recognized for optimizing performance and implementing cloud-native architectures, while mentoring cross-functional teams to achieve engineering excellence. Proven ability to independently drive process enhancements and deliver innovative feature improvements.

Education

D. J. Sanghvi College of Engineering

Mumbai, India

2017–2021

Bachelor of Engineering, Information Technology

Technical Skills

- **Languages:** Java, Rust, Python, JavaScript, C++
- **Databases:** MySQL, Redis
- **Frameworks:** Java Vertx, FastAPI, TestNG
- **Technologies:** AWS, GraphQL, NodeJS, SQL, Docker, Kafka, Spark