# Vibhor Kashmira

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## Education

**Wayne State University**                                                        Detroit, Michigan
Master of Science in Computer Science                                         2023 - Present
GPA: 4.0

Relevant coursework: Distributed Systems, Artificial Intelligence 1 & 2,
Database Management Systems 1 & 2, Network Concurrent and
Distributed Programming, Introduction to Mobility, Introduction to
Quantum Computing, Software Engineering

**The LNMIIT**                                                                           Jaipur, India
Bachelor of Technology in Computer Science                                      2013 - 2017

## Experience

**Software Engineer**                                                                  Gurugram, India
Sprinklr Inc.                                                                              2013-2017
- Spearheaded the development of the Engagement module for real-time multi-channel social media management.
- Architected features including dynamic post rendering, advanced filtering, and real-time syncing.
- Boosted user engagement by 40% and cut system latency by 20%.
- Improved platform configuration efficiency by 35% through strategic optimizations.
- Overhauled the Governance module for platform entity configuration.
- Architected features including dynamic post rendering, advanced filtering, and real-time syncing.
- Optimized performance metrics, reduced dependencies, and implemented component-based lazy-loading.
- Increased interactive performance by 25% and reduced page load times by 15%.

Skills :- React, redux, react-query, Jest, Typescript(Javascript), RxJS, Redux Saga, Material UI, Emotion

## University Projects

**Rentaroost**                                                                          May-June 2024
· Designed and developed a robust Airbnb clone featuring dynamic pricing based on real-time events and integrated payment processing using Stripe. The project demonstrates advanced integration of multiple technologies to provide a seamless user experience.
· Key features:-
  - Dynamic Pricing: Implemented real-time dynamic pricing using Apache Kafka and Apache Flink, which adjusts prices based on live events and user interactions.
  - Payment Integration: Integrated Stripe webhooks for secure and efficient payment processing, ensuring reliable transaction handling and user payment management.
  - Reactive Data Handling: Utilized Spring WebFlux for reactive data processing, enhancing application responsiveness and scalability.
  - GraphQL API: Employed Netflix DGS GraphQL for efficient and flexible API queries, facilitating streamlined data retrieval and manipulation.
  - Synchronous Queries: Used gRPC for synchronous query handling, ensuring high-performance data access and service interactions.

· Outcome: Single-handedly completed the entire project and successfully deployed the project repository, effectively showcasing the integration of advanced technologies. The project highlights a practical implementation of dynamic pricing and payment processing in a real-world application.
Further Information: Explore the ongoing development, developer logs, and future updates on my GitHub Pages website.
· Skills:- Microservices architecture with Spring Boot, Event-driven architecture, gRPC, NextJS(for push client), MongoDB, Redis, Apache Kafka, Stripe API integration(webhooks), dynamic pricing (Apache Flink, Kafka), Firebase Cloud Messaging(Push Notifications), GraphQL (Netflix DGS), Docker, Kubernetes deployment, reactive/non-blocking systems(Webflux)