

# Vibhor Kashmira

Detroit, Michigan • +1 (313) 746 0667 • vibhorkashmira@gmail.com

## Education

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### Wayne State University

Master of Science in Computer Science  
GPA: 4.0

Detroit, Michigan  
2023 - Present

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

Bachelor of Technology in Computer Science

Jaipur, India  
2013 - 2017

## Experience

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### Software Engineer

Sprinklr Inc.

Gurugram, India  
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%.

Technologies used :- React, redux, react-query, Jest, SASS, CSS Modules, Typescript

## University Projects

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### 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.
  - Technologies Used: Utilized technologies such as Apache Kafka, Apache Flink, Netflix DGS GraphQL, gRPC for synchronous queries, and Spring WebFlux for reactive data handling. More work to follow.
  - 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](#).