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%.

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

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.

• 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.