Yash Sharma

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Experience

SDE1 (Java Developer), Adda247 – Gurugram   October 2024 – Present

- Designed and developed a high-performance **Shorts application for education**, enabling short-form learning content with smooth video playback and optimized APIs; **delivered the complete module within 20 days**, significantly boosting user engagement.
- Handled and optimized the core **backend content delivery system** during the transition from **course-based subscriptions to a monthly subscription model**, ensuring stable content access and seamless user experience for all users.
- Integrated **YouTube scheduling CMS functionality**, allowing the operations team to schedule live sessions directly from the CMS without switching to YouTube, reducing their effort by **90%**.
- Optimized backend performance by applying **multithreading**, database query tuning, and system-level improvements, resulting in faster API response times and improved platform reliability.
- Played a key backend role in the **transformative redesign of the application**, simplifying navigation and streamlining user flow for effortless content access, increasing user engagement by **30%** across **5M+ users**.
- Proficient in debugging complex issues across distributed systems, ensuring fast resolution, system stability, and uninterrupted content delivery.
- Connected **LeadSquared** to the data engineering service using **Apache Kafka**, enabling real-time lead and activity data sync and improving follow-up efficiency for the sales team.
- Designed and implemented **caching and optimization strategies** using **Redis**, reducing load times by **30%** and enhancing overall system throughput.
- Worked with **Apache Kafka** to manage high-volume **real-time data streams**, ensuring efficient microservice communication and powering millions of in-app events daily.
- Designed, optimized, and maintained **robust MySQL and MongoDB schemas** for millions of users, improving query performance by **40%** through indexing, sharding strategies, and query optimization.
- Leveraged CI/CD pipelines using **Jenkins** for smooth builds and deployments, ensuring consistent and reliable releases without owning DevOps infrastructure.
- Utilized **Kibana** extensively for log analysis, monitoring, and issue root-cause identification, resulting in faster troubleshooting and **20% reduction in downtime**.
- Collaborated with cross-functional teams in an **Agile environment**, contributing to planning, development, and release cycles, achieving **95% on-time feature delivery**.
- Built scalable and reusable backend components, enhancing development speed and reducing duplication across multiple services.

Technologies

Languages: Java (Proficient), C++, Kotlin, SQL
Backend Development: Spring Boot, Spring MVC, Microservice Architecture, REST API, Kafka, Redis
Databases: MySQL, Oracle, Elasticsearch, MongoDB
Developer Tools: Kibana, Argo CD, IntelliJ IDEA, Git and GitHub, Jira, Jenkins
Coursework: Data Structures and Algorithms, Database Management System, Computer Networks

Education

Meerut Institute of Engineering and Technology   2020 – 2024
Bachelor of Technology (Computer Science and Engineering)