

# DIVIJ KISHORE SHARMA

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## PROFESSIONAL SUMMARY

- Experienced SDE with strong DSA skills, specializing in **scalable system design, performance optimization, and building robust fintech and retail applications using Java, Spring Boot, Python, Kafka, AWS, Google Cloud, SQL, and NoSQL databases.**

## EXPERIENCE

- Mobikwik** Gurugram, Haryana  
*Software Engineer* Apr 2024 - Present
  - Subscription Engine:** Designed and implemented a scalable subscription system. Integrated the subscription system with the payout engine, ensuring scale over **70k** merchants. Managed the payout process for over **1.5M** transactions daily with optimized and timely payouts. Ensured high availability, scalability, and performance to handle peak loads efficiently. Used Java, Spring Boot, Kafka, and MySQL to build a robust backend capable of handling high-volume transactions.
  - Payout Revamp:** Redesigned and developed a comprehensive payout system, transitioning from cron-based to real-time, event-driven architecture using Airflow, reducing payout latency by **45%**, ensuring near-instant payouts. Integrated Kafka, leading to a **30%** reduction in transaction processing time and improving merchant experience with faster, more reliable payouts for over **10k** merchants. Scaled the system to handle over **0.5M** daily transactions, achieving **99.95%** uptime. Enhanced monitoring with Prometheus and New Relic, resulting in faster issue resolution.
- Limeroad** Gurugram, Haryana  
*Software Development Engineer - 1* July 2023 - Feb 2024
  - Invoicing Model Redesign:** Developed and managed a comprehensive invoicing system for both customers and vendors, handling over **1k** vendors and **500k** customers. Implemented real-time commission charge calculations, reducing invoicing errors by **40%** and improving transparency on the Limeroad seller portal. Optimized the system's performance, resulting in a **50%** reduction in invoice generation latency. Enhanced the system's scalability to support increasing vendor onboarding and customer transactions with minimal downtime.
  - Seller Portal:** Architected and developed a robust seller portal for **1k** vendors to upload, download, edit, and monitor product listings, improving the overall user experience and operational efficiency. Implemented advanced error reporting mechanisms for incorrect product uploads, resulting in a **60%** reduction in vendor follow-ups (from **75%** to **30%**), significantly improving vendor satisfaction and reducing support team workload. Optimized portal performance, improving product upload and download times by **35%**, ensuring seamless scalability for increasing vendor transactions.
- Publicis Sapient** Gurugram, Haryana  
*Associate Software Development Engineer - 2* Nov 2020 - July 2023
  - Notification Service:** Architected and implemented a scalable notification service for client **Albertsons** to deliver data validation and analytics reports for **terabytes** of data ingested in **Azure** via **Snowflake**. Utilized SnowSight for advanced data visualization and integrated machine learning algorithms to enhance analytics and reporting capabilities, improving data-driven insights and operational efficiency.
- Samsung Research Institute Bangalore** Bangalore  
*SDE Intern* May 2019 - July 2019
  - Project: Functionality Analysis and Third-Party Cookie Examination**
  - Developed Chrome Extension:** Developed a Chrome extension for data collection and analysis, focused on examining various features and third-party cookies.

## TECHNICAL SKILLS

- Languages:** Java, Python
- Frameworks:** Springboot, Fast API, AWS, GCP, Kafka, Grafana
- Databases:** MySQL, MongoDB, PostgreSQL, Snowflake
- Developer tools:** Git, Docker, Jenkins, Postman

## PROGRAMMING ACHIEVEMENTS

- Leetocde over **700** problems solved.
- Codechef max rating **5\***

## EDUCATION

- Netaji Subhas University of Technology** Dwarka, Delhi  
*Bachelor of Engineering - Computer Engineering* GPA:8.14 Aug 2016 - May 2020