

VIKAS KAUSHIK

+918433103747 ◊ Ghaziabad, Uttar Pradesh ◊ Software development engineer

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OBJECTIVE

Proficient Software Engineer with advanced skills in Java, Python, and JavaScript, and specialized expertise in Spring Boot and Django REST Framework. Focused on developing scalable and efficient software solutions that leverage modern technologies to drive business improvement and technological advancement.

SKILLS

Programming Languages	Java, Python, JavaScript
BackEnd	Spring Boot, Django REST Framework, JDBC, JPA, RestAPI
Tools and Databases	SQL, MongoDB, AWS Lambda, Kafka, Git, MemCache
Other	HTML, CSS, System Design, Data Structures and Algorithms

PROFESSIONAL EXPERIENCE

Software Development Engineer 2 August 2022 - Present
Ecom Express Limited Gurugram, Haryana, India
Dynamic Data Analytics Dashboard

- Developed a Java, Spring Boot service for backend processing, incorporating role-based access control for data security.
- Implemented data management workflows using Python, Django, and AWS Lambda for real-time updates from S3 buckets and SQL databases.
- Enhanced system efficiency with Memcache for caching frequently accessed data, improving response times and user experience.
- Established APIs for real-time data streaming, enabling dashboard data downloads in Excel format.

Notification System

- Designed a system to handle up to 2 million daily SMS notifications for shipment status updates, leveraging Kafka for efficient message queuing and processing.
- Implemented WhatsApp Business API to send interactive notifications, enabling user responses through buttons and integrating these responses into subsequent actions.
- Robust Architecture: Developed a three-tier service structure for efficient request handling, message processing, and status tracking, ensuring reliable performance.

Associate System Engineer May 2021 - July 2022
Tata Consultancy Services Noida, Uttar Pradesh, India
Performance2.0

- Created a dynamic query interface to streamline data submission and retrieval, improving user interaction by 50% and reducing data access time by 30%.
- Optimized large dataset processing using a multithreading approach, reducing execution times and database timeouts.
- Developed a connection pooling system and utilized Kafka for queue management to enhance system scalability and performance. Created limits on user request data to maintain system integrity and prevent overloads.

EDUCATION

Bachelor of Technology in Computer Science August 2017 - May 2021
Sharda University, Greater Noida, Uttar Pradesh