

Vaibhav Chauhan

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SUMMARY

Backend SDE with **2 years of experience** at a **7M DAU** e-commerce platform, specializing in Java microservices, Data Engineering pipelines and AWS based event-driven systems.

WORK EXPERIENCE

Hopscotch

Software Development Engineer I

May 2024 – Present

Bengaluru, India

- Built a **payment recovery workflow** for failed online transactions by integrating retry mechanisms and state reconciliation, leading to ~80% recovery of failed orders and reducing revenue leakage.
- Led **JDK 8 to JDK 17** migration across 9 microservices including frameworks like Spring, Springboot, Vertx & Dropwizard.
- Collaborated on implementing a **Gift with Purchase (GWP)** feature by enhancing checkout logic and eligibility rules, which improved conversion rates on the checkout page.
- **Increased product page traffic by 5-7%** by implementing cross-navigation between homepage carousels and product detail pages, improving user discovery and engagement.
- Migrated 3 production microservices handling **~3.4M daily requests** from Vert.x to Spring Boot, improving developer velocity and long-term maintainability.
- Boosted repeat user visits by **4% across a 7M DAU** platform by designing and implementing the Recently Viewed APIs.
- Cut pipeline execution time from **4 hours to 1.5 hours (200K INR/year cost reduction)** by parallelizing Airflow tasks and implementing S3-based caching for resource-intensive data workflows.

Hopscotch

Software Engineering Intern

Jan 2024 – May 2024

Bengaluru, India

- **Prevented checkout failures during high-traffic sale events** by implementing dynamic cart size limits based on inventory availability.
- **Enhanced customer operations workflow** by integrating real-time SMS and email alerting into customer management pipeline using AWS SES.
- Ensured compliance with release processes including unit testing, code reviews, QA handover, and post-release validation.

PROJECTS

Order Tracking System

[Github](#)

- Built a scalable order tracking system using Spring Boot to monitor order lifecycle and status updates.

SKILLS

Programming Languages/Technologies: Java, Python, SQL, J2EE, Kafka

Frameworks: Spring Boot, Spring MVC, Vert.x, Dropwizard, Node.js, Apache Airflow, Distributed Systems, J2

Databases: MYSQL, Redis, DynamoDB, MongoDB, SQL Server

Cloud & Tools: AWS (S3, SQS, SES, Lambda), Git, CI/CD, DataDog, JIRA, Elastic Search, REST APIs

EDUCATION

L.D. College of Engineering

Bachelor of Engineering - Information & Technology | 2020-2024

June 2020 - May 2024

Abmedabad, India

ACHIEVEMENTS

- **Winner**, State-Level Hackathon SSIP 2022 - Awarded **Rs. 50,000** prize for innovative tech solution.
- **Rs. 40,000** Innovation Grant - SSIP 2.0, Government of Gujarat.