

# Gaurav Singh

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Software Engineer with 6+ years of experience in designing scalable systems, building robust backend services, and solving real-world problems using **Java, Spring Boot, and AWS**, with domain expertise in **payments, travel, and e-commerce**.

## SKILLS

Languages & Frameworks: **Java, C++, Spring Boot, Spring MVC, Hibernate, DSA**

Messaging & APIs: **SQS, REST APIs, Microservices**

Tools, Platform & Databases: **AWS, Git, JIRA, MySQL, PostgreSQL**

## PROFESSIONAL EXPERIENCE

### Nykaa, Gurugram – SDE II

Oct 2021 – Jul 2025

- **Led a 3-member team** to build Nykaa's unified **wallet and rewards system** across different Nykaa domains.
- Created account merging feature on Nykaa platform, allowing users to club their different account balances, resulting in **10% increase in reward points adoption rate**.
- Developed core layer for 'One Nykaa Rewards' allowing same user on different nykaa platforms to use reward Points seamlessly across multiple platforms, **increasing order volume by 5%**
- **Leveraged SQS** for improving user journey in giftcard service, **resulting in 3% increase in order fulfillment**.
- Used **Redis** and **MySQL** in conjunction to design and develop a **job scheduling framework**, which relied on push mechanism rather than pull.
- Expanded and streamlined **data warehouse** interaction by using **Hibernate, Redshift driver** for **writing an ORM module** enhancing error handling and code maintainability

### Bikry/NearPe, Noida – Senior SE

July 2019 – Aug 2021

- Built NearPe and Bikry **Android Applications** from scratch for **B2C** and **B2B** users
- Integrated Bill Payment Services (BBPS) through **REST APIs** of Billdesk PG in NearPe from scratch
- Implemented **discount coupons framework** so the shops could create discounts on their catalog themselves
- Introduced incentivisation program by designing and developing rewards points system
- Built **executors** to produce reports in multiple formats (.csv, .txt).

### Via.com, Gurugram – SDE

Sept 2018 – June 2019

- Applied **JPA optimistic locking** to handle concurrency in multithreaded systems.
- Integrated Domestic Flights API(Galileo) for Via India ([via.in](#)) and enhanced post-booking workflows, including confirmation emails/SMS and feed file generation.

## EDUCATION

**JSSATE**, Noida

BTech, Computer Science (2014 - 2018) – CGPA: 7.5