

## Contact

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## Top Skills

Android Development

Node.js

React.js

# Shivang Gupta

Software Engineer at PhonePe | NITP'21

Kanpur Nagar, Uttar Pradesh, India

## Summary

Passionate software developer with a zeal for solving complex problems and a track record of delivering results in highly time-bound environments. My technical focus is on backend development, where I leverage my deep expertise in distributed systems to build robust, scalable, and efficient applications.

Tech stack :- Java, Hibernate, MariaDB, Kafka, RabbitMQ

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## Experience

PhonePe

Software Engineer

July 2021 - Present (4 years 8 months)

Bengaluru, Karnataka, India

Played a key role on the EDC team, focusing on building and managing the POS system for Card and DQR (Dynamic QR) transactions. I designed and implemented the entire transactional infrastructure from scratch, including reconciliation, chargeback, and refund flows.

Beyond core transactions, I also developed the onboarding and cancellation flows for our POS devices, which streamlined the deployment process for merchants.

To improve system performance, I led a major project to migrate our transactional data from 2 to 16 shards, which optimized slow database queries.

Currently, my work is centered on integrating with Hyderabad Metro to enable NCMC (National Common Mobility Card) transactions on our devices. This involves designing and developing new flows for everything from card top-ups and balance updates to offline sales and other non-financial services. I'm also responsible for coordinating with all key stakeholders—the metro, our bank, and internal PhonePe teams—to ensure a successful go-live.

Also worked on the Money Management team, handling merchant settlements, bookkeeping, and reconciliation for both online and offline transactions. I developed a fee reversal flow to accurately reverse merchant commissions, even with frequent data truncation issues.

Additionally, I built a real-time GST invoice generation system that is currently used for Soundbox, EDC, and ODS billing.

## OYO

SDE Intern

January 2021 - July 2021 (7 months)

Gurugram, Haryana, India

Worked at global search team which facilitates in searching user queries regarding hotel booking and displaying hotel listing page.

Created a Dashboard in django which analyse search analytics data .

Worked on adding filter on filter page and implementing HMD (hotel meta data service) which drives the hotel metadata from supply using kafka and stores in Elasticsearch DB.

## Indian Institute of Technology, Patna

Research Intern

June 2020 - August 2020 (3 months)

Worked on Celebrity Profiling project which includes usage of Natural Language Processing, LSTM, Glove word embeddings

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## Education

National Institute of Technology , Patna

Bachelor of Technology - BTech, Computer Science · (2017 - 2021)