

# Prakriti Kishore Sarkar

## Backend Engineer

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### CAREER SUMMARY

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Engineer with 7.5 years of experience, including 3.5 years in backend development. Expertise in building scalable APIs, optimizing databases, and automating workflows, with proficiency in Java, Python, SQL, RabbitMQ, and Spring Boot, delivering efficient solutions in fintech.

### WORK EXPERIENCE

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#### PhonePe

##### Product Solution Engineer (10/2021 - Present)

- Implemented async REST APIs to handle value-added customer-specific data from service providers.
- Developed Python clients to interact with RabbitMQ for un-sidelining and purging messages.
- Improved code quality by increasing test coverage from 35% to 80% and reducing exclusions in Sonar.
- Migrated the build process from Jenkins to GitLab CI/CD for better automation.
- Built generic APIs for reconciliation and adjustments, integrated with our ETL system, and simplified processes across multiple providers.

#### Bitwise Solutions Pvt. Ltd.

##### Programmer Analyst (07/2017 - 10/2021)

- Designed and implemented REST APIs, integrating them with Thymeleaf.
- Analyzed and optimized backend SQL queries, boosting page load speed by 20%.
- Managed data migration from DB2 to Oracle using ETL pipelines.
- Automated manual tasks with Shell Scripts, improving efficiency.

### SKILLS

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- **Languages:** Java, Python, SQL, Shell Scripting
- **Technologies:** Spring Boot, Dropwizard, RabbitMQ, Aerospike, Docker
- **Tools:** Git, Jenkins, GitLab CI/CD, Airflow, Cron

### EDUCATION

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#### Guru Nanak Institute of Technology, Kolkata

##### B.Tech in Computer Science & Engineering (2013-2017)

GPA: 7.93

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