

# Prakriti Kishore Sarkar

## Backend Engineer

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### WORK EXPERIENCE

#### **PhonePe Pvt. Ltd.**

Product Solution Engineer | 10/2021 - Present

- Assisted in decoupling microservices by separating shared cache dependencies, enhancing service autonomy.
- Developed Python scripts to automate RabbitMQ operations, improving system efficiency and reliability.
- Improved Sonar quality gate by reducing exclusions and increasing test coverage from 35% to 80%.
- Automated the Jenkins build process by migrating it to a GitLab CI/CD pipeline.
- Developed generic reconciliation and adjustment APIs, integrated with the in-house ETL system, reducing operational overhead by standardizing processes across multiple providers.

#### **Bitwise Solutions Pvt. Ltd.**

Programmer Analyst | 07/2017 - 10/2021

- Implemented service layer using Spring Boot, and REST APIs and integrated it with the DB2 database.
- Conducted thorough analysis of backend SQL queries and implemented optimization strategies, resulting in a significant 20% improvement in page load speed.
- Successfully executed data migration from DB2 to Oracle using ETL pipelines.
- Streamlined operations and improved efficiency by automating manual tasks using Shell Scripts.

### SKILLS

**Languages:** Java, Python, SQL, Shell Scripting

**Tech:** Dropwizard, Git, Spring Boot, Aerospike, Docker, RabbitMQ, Data Structures, UNIX Shell Scripting, Airflow/cron.

### EDUCATION

**Guru Nanak Institute of Technology**

B.tech in Computer Science | 2013-2017 | GPA: 7.93