

Priyanka Sunil Kadam

✉ itspriyanka.kadam@gmail.com ☎ 7021208126 🔗 LinkedIn 🐙 Github 🏠 Leetcode

EDUCATION

Sardar Patel Institute Of Technology, B.Tech in Computer Engineering
CGPA: 8.73

2021 – 2025 | Mumbai, India

PROFESSIONAL EXPERIENCE

Deutsche Bank

Software Development Engineer (SDE1)

07/2025 – Present | Pune, India

- **Optimized high-volume PostgreSQL workloads** by analyzing slow-running queries and database access patterns and driving a query-performance strategy, improving **query throughput by 38%** and reducing p95 latency for critical read operations.
- **Built and enhanced backend transaction-processing flows** across securities and cash-transfer disbursement use cases, implementing business validations, persistence logic, approval/rejection handling, and downstream processing using Java, Spring Boot, GraphQL, JPA/Hibernate, and relational databases.
- **Enhanced transaction reprocessing and failure-recovery flows** by using persisted transaction and message-tracking states to identify failed or non-processed instructions and route eligible transactions back through downstream processing, strengthening handling of incomplete business transactions.
- Re-engineered a legacy data access module by replacing **JAR-based retrieval with an Oracle database function**, improving concurrent reads, eliminating lock contention, and simplifying application layer processing.
- Owned production observability for an enterprise financial transaction platform, building **Terraform** managed **SLO/SLI** dashboards, log based metrics, and alert policies in **GCP Monitoring** to detect processing delays exceeding 15 minutes within a 30-minute window and track financial reference message processing against a 95% within 30 minutes SLO.

SDE Intern

06/2024 – 07/2024 | Pune, India

- Built an internal data management application using **React, TypeScript and Oracle**, enabling users to import, view, add, and modify spreadsheet based operational data.
- Integrated the application into an enterprise operations portal and deployed it through **OpenShift and CI/CD pipelines**.

PROJECTS

Text2FaceGAN: Generating Faces from Text Descriptions with GANs

2024 – 2025

- Developed a GAN-based model to generate high-resolution facial images from text descriptions, utilizing BERT for text vectorization.
- Employed a multi-stage refinement process and quality assurance using discriminators, ensuring high fidelity and alignment with text input.
- **Tech Stack:** Python, PyTorch, BERT, GANs (Generator-Discriminator framework)

Complaint Ledger System

2024

- Developed a **Complaint Ledger System** during a 24-hour hackathon, utilizing **Solidity** smart contracts to securely store and manage complaint data on the blockchain.
- Integrated **React** for the frontend, with **Chart.js** for data visualization.
- Implemented Aadhar Card authentication for secure user identification and **MetaMask** for decentralized interactions with the blockchain.

Travello , (Hotel Booking Platform)

2023

- Full-stack hotel booking platform enabling travellers to search, book, and manage reservations with real-time availability and user authentication.
- Tech Stack: **MongoDB, Express, React, Node.js (MERN)**

SKILLS

Programming Languages: Java, Python, C++, JavaScript, TypeScript, Golang

Backend: Spring Boot, GraphQL, JPA/Hibernate, REST APIs

Frontend: React, TypeScript

Cloud and Platform: GCP Monitoring, Terraform, Docker, OpenShift, GitHub Actions

Data and Messaging: PostgreSQL, Oracle, MySQL, MongoDB, Kafka

AI/ML: PyTorch, BERT, GANs

ACADEMICS ACHIEVEMENTS & EXTRACURRICULARS

- Top 1% in class XII board(2021 | MHT-CET Score : **99.2068**
- Leetcode(**600+ problems solved**), Hackerrank (**5 star**-problem solving)