

ASHISH SUNIL ZOPE

Senior Data Engineer at Bajaj Finserv Limited, Bengaluru

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Portfolio: <https://ashishzope-1996.github.io/ashish>

PROFESSIONAL SUMMARY

Senior Data Engineer with 5+ years of hands-on experience building robust ETL pipelines, optimizing data platforms using PostgreSQL, Databricks, and PySpark, and delivering analytics solutions for large-scale financial systems. Recognized for successful end-to-end implementation of KYC and EMI-POD systems, with strong proficiency in SQL, data modeling, and cross-functional collaboration.

EDUCATION

- PG Diploma in Big Data Analytics (PG-DBDA), Sunbeam Institute – 82.38% – 2021
- B.E. in Electrical Engineering, SSBT's College of Engineering – CGPA: 7.8 – 2019

TECHNICAL SKILLS

- Programming:** Python, PL/SQL, PySpark, Scala
- Databases:** PostgreSQL, MySQL, MS SQL Server
- Big Data & Cloud:** Databricks, PySpark, Microsoft Azure
- BI & Visualization:** Power BI (DAX), Tableau, Microsoft Excel (Macro Functions)
- Tools & DevOps:** Git, Postman, CI/CD, Agile/Scrum

WORK EXPERIENCE & PROJECTS



Bajaj Finserv

Full-time · 2 yrs 7 mos

Bengaluru, Karnataka, India · On-site

Oct 2024 – Present

Senior Data Engineer

- EMI-Card Portfolio Management (Databricks | SQL Warehouse)**
Migrated EMI Card portfolio data from BFL Core Systems to Data Lake and RDBMS platforms. Utilized Databricks and SQL Warehouse for data processing, transformation, and analytics to support reporting and business insights. Ensured data consistency and accessibility across PostgreSQL and MS SQL Server.
- Engineering CRM (PostgreSQL | End-to-End Backend Development)**
Designed and implemented complete database architecture (conceptual, logical, physical) for BFL's Engineering CRM. Developed normalized schema, API-integrated functions, and stored procedures. Delivered modules for employee task management, incentive calculation, and advanced global search in the employee directory.
- DL Migration (Databricks | Scala, PySpark)**
Worked on a data migration project based on Dedalian architecture in Databricks, leveraging Bronze, Standard, and Golden zones. Curated raw data into structured DataFrames for business dashboards and

reporting. Developed Databricks notebooks using Scala and PySpark to import, filter, join, and unify data from DL tables for analytics consumption.

Nov 2022 - Oct 2024

Data Engineer

- **EMI-POD Project (PostgreSQL)**
Developed and optimized EMI-POD system for Bajaj Insta EMI Card and cross-sell products like FFR and FPR. Automated QC processes and enhanced the EMI Card QC portal. Built complex functions, procedures, triggers, and views in PostgreSQL to support end-to-end workflows.
- **KYC Project (PostgreSQL)**
Led development of a full-scale KYC solution using PostgreSQL, integrating CKYC, DigiLocker, eKYC-OTP, Biometric, and FaceID methods. Built functions, procedures, triggers, and views; performed testing via Postman. Gained hands-on expertise in data modeling and advanced SQL



Shriram Finance Ltd

Full-time · 2 yrs 4 mos

Ballarpur, Maharashtra, India · On-site

Aug 2019 – Nov 2021

Assistant Manager

- Led a 10+ member branch team and boosted customer satisfaction by 15%
- Utilized Excel & dashboards for data analysis and process optimization

CERTIFICATIONS

- Microsoft Azure SQL – 81.66% (Coursera)
- Database Design & Basic SQL in PostgreSQL – 98.83%
- Programming for Everybody (Python) – 96.60%

KEY ACHIEVEMENTS

- **Catalyst Award, Bajaj Finserv (Apr 2025)**
Recognized by CIO for automating the daily comment-review process and driving a 20% efficiency gain in monthly task allocation.
- **BFL Certified Prodigy – Postgres Developer, Bajaj Finserv (Oct 2024)**
Awarded for advanced PostgreSQL development skills and delivering critical DB solutions.
- **Kudos Award, Bajaj Finserv (Sep 2023)**
Honored for zero-defect delivery of enterprise KYC solution. Nominated by CTO

LANGUAGES

English (Professional), Hindi (Professional), Marathi (Native)