Nazim Jabir

[6235855720](tel:6235855720) • naazzzim@protonmail.com • [LinkedIn](#) • [Website](#) • [GitHub](#)

Education

NIT Calicut   Calicut, Kerala
B.Tech, Computer Science and Engineering.   May 2023

Vijayagiri Public School   Thrissur, Kerala
All India Senior School Certificate Examination. 93.4/100   April 2019

Experience

Target Corporation   Bengaluru
Full Stack Engineer   03 2025 - Present

- Reduced **Feature Store** data ingestion time by **68%** spawning parallel **PySpark** jobs for each data partition.
- Built a low latency **GCS Parquet** schema inference API using **PyArrow**.
- Delivered complex features requiring **asynchronous API** calls, **multipage forms** and **paginated tables** with filters for **ML Platform** UI in **React** adhering to **Trunk Based Development**.
- Migrated ML Platform UI from **Redux** to **React Context** based global state management and raw Fetch API calls to **TanStack Query** resulting in consistency and readability of code.

Data Engineer   08 2023 - 03 2025

- Developed a **data quality** monitor execution driver in **Spark** handling multiple read strategies on managed and external **Hive** tables enabling **DQ checks** for **80%** of Target Service Center datasets.
- Created multiple pipelines handling compliance data, **unstructured**, **semi-structured** and **structured data** using **Medallion architecture** in **cluster** and **single server** environments using **Spark**, **Confluent Kafka**, **DuckDB**, **Polars**.
- Managed **Data Lifecycle** for and optimized pipelines processing Target Service Center data.

Leadership & Activities

Ragam '23 - NIT Calicut   **Calicut, Kerala**
Tech Head   **10 2022** - **04 2023**
- Designed and developed a registration portal front-end in Nextjs within 4 days to handle 6000+ registrants for 80+ events and ₹60,00,000+ in transaction. ([GitHub)](#)
- Lead a 5 member team to develop a [creative website](#). ([GitHub](#))
- Transitioned spot registration process to a fully paperless system, improving efficiency and streamlining operations.

FOSS Cell - NIT Calicut   **Calicut, Kerala**
Treasurer   **05 2022** - **04 2023**
- Managed annual budget of ₹2,60,000 ensuring alignment with organizational goals and financial constraints.
- Took additional responsibility for marketing of our flagship event FOSSMeet.
- Developed a responsive Vanilla JavaScript [marketing website](#). ([GitHub](#))

Projects

hegalgroup.ae
Designed and developed a business website in Nextjs that generates blog-pages from markdown files. Implemented using a combination of Nextjs and MDX-js. ([GitHub](#))
Certificate Generator
Developed a C++ script that generates certificate files from CSV input. Image manipulation was achieved using the CImg library. ([GitHub](#))