

# Debaditya Dutta

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## WORK EXPERIENCE

### Cognizant Technology Solutions India Private Limited

Programmer Analyst

Kolkata, India

01/2023 - Present

- **Project:** Fivetran HVR CDC Platform Setup  
**Role:** HVR Platform Admin & Developer  
**Responsibilities:**
  - Successful installation of Fivetran HVR Hub on EC2 and On-Prem Linux servers and successful installation of HVR agent on EC2 and On-Prem Linux servers and source systems.
  - Successful configuration of the HVR Hub and HVR Agent through web-based UI.
  - Working and coordinating with different Use-case teams (Business Applications) for gathering the source/target details for setting up replication jobs in the HVR platform.
  - Creating source locations such as Oracle On-Prem DB, Oracle RDS, Postgres RDS, File system and target locations such as Amazon S3, Databricks, File system in the HVR platform.
  - Creating channels according to Use-case requirements and setting up Refresh, Capture and Integrate jobs for data replication.
- **Project:** Analytics Apps Migration  
**Role:** Data Engineer  
**Responsibilities:**
  - Successfully facilitating the migration of 22 Data Analysis applications to the newly formed entity following the split of the client organization. Conducting thorough analysis of existing application architectures to identify potential enhancements.
  - Modifying existing architectures and ensuring uninterrupted access to source data for ongoing operations.
  - Recommending Managed File Transfer (MFT) solutions to enhance data transfer processes for the new entity.
- **Project:** Informatica PowerCenter Migration (v10.4.1 to v10.5.4)  
**Role:** Informatica PowerCenter Developer  
**Responsibilities:**
  - Executing and validating migrated workflows of 53 business applications within the upgraded Informatica PowerCenter environment.
  - Performing data validation across various target systems including Oracle DB, MS SQL Server, Snowflake, Salesforce and Windows/Unix servers.
  - Coordinating with different Application teams on gathering workflow list, source/target details, workflow sequence and scheduling details.
  - Diagnosing and resolving workflow related errors effectively, collaborating closely with Informatica administrators and Informatica vendor.

### Cognizant Technology Solutions India Private Limited

Artificial Intelligence & Analytics Intern

Kolkata, India

01/2022 - 05/2022

- **Project:** Order Management System  
**Role:** Informatica PowerCenter Developer  
**Responsibilities:**
  - Developing and executing Informatica PowerCenter mappings to extract data from Oracle DB and loading it into Oracle DB & Windows server based on client-defined business logic.
  - Ensured accurate implementation of client requirements and business rules within the mappings.

## SKILLS

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- SQL
- Informatica PowerCenter
- Oracle Database
- Fivetran SaaS
- Databricks
- PySpark
- AWS Fundamentals
- Python
- Snowflake
- Fivetran HVR

## CERTIFICATIONS & BADGES

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- Snowflake Hands-On Data Engineering Badge (April, 2025)
- Snowflake Hands-On Data Warehousing Badge (April, 2025)
- MongoDB SI Associate Certification (April, 2025)
- NVIDIA Technologies Curriculum 2024 (December, 2024)
- Fivetran HVR 6.0 Certification. (October, 2024)
- Fivetran Partner Technical Accreditation Certification. (September, 2024)
- Reltio Solution Architect Foundation Certification. (September, 2024)
- Databricks Certified Data Engineer Associate. (August, 2024)
- AWS Cloud Practitioner Certification. (May, 2023)

## EDUCATION

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**MCKV Institute of Engineering**  
B. TECH (Hons) in Mechanical Engineering

**Liluah, Howrah, India**  
2018 - 2022, CGPA: 8.67