

Debabrata panda

Software Engineer

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PROFILE

Passionate and quick learner Back-end Engineer with high attention to detail. Looking for a challenging role that promises expedited learning.

WORK EXPERIENCE

Senior System Engineer

June 2021 – Present

Tata Consultancy Services (Client NielsenIQ)

- Orchestrated the planning, design, development, deployment, and maintenance of features for the correspondence of client application using C++, Core JAVA, PostgreSQL and Sybase.
- Having Good Knowledge of Agile methodology, Sprint management, JIRA board.

PROJECTS

Oracle Foot Print Reduction

Jan 2025 – Present

(Client NielsenIQ)

- Rewrote and optimized complex Oracle PL/SQL codebase into C++ as part of a system migration project, achieving a 70% reduction in application run time and 40% in memory consumption.

Autosys to Airflow Migration

Jan 2024 – Dec 2024

(Client NielsenIQ)

- Converted backend part of application and Scripts from AutoSys to Airflow for scheduling jobs.
- Gathered all the use cases from client and did unit tests and integration tests.

Bigint Conversion

Sept 2022 – Dec 2023

(Client NielsenIQ)

- Implemented 60% Bigint conversion on backend part of CASE application using C++, Sybase and PostgreSQL by leading backend team.
- Analyzed complicated phases of very legacy application and reduced the order processing execution time.
- Converted former stored procedures to handle large numbers and enhanced to reduce processing time.

Sybase to PostgreSQL Migration

July 2021 – Aug 2022

(Client NielsenIQ)

- Migrated 40% workflow of the legacy CASE application from Sybase to PostgreSQL DB as Sybase is not support by azure cloud for future data processing.
- Developed a python script to store bite array in PostgreSQL DB.
- Implemented new features raised by clients, Maintenance of application including bug fixing.

SKILLS

java

C++

Sybase

PostgreSQL

Data Structure

Git

Linux

Azure

EDUCATION

Master of Computer Application

Aug 2018 – June 2021

OUAT, Bhubaneswar