iView ®

Revolutionizing Workflows with
Retool

Leadership

Business

Advertising

Digital Transformation

Analysis

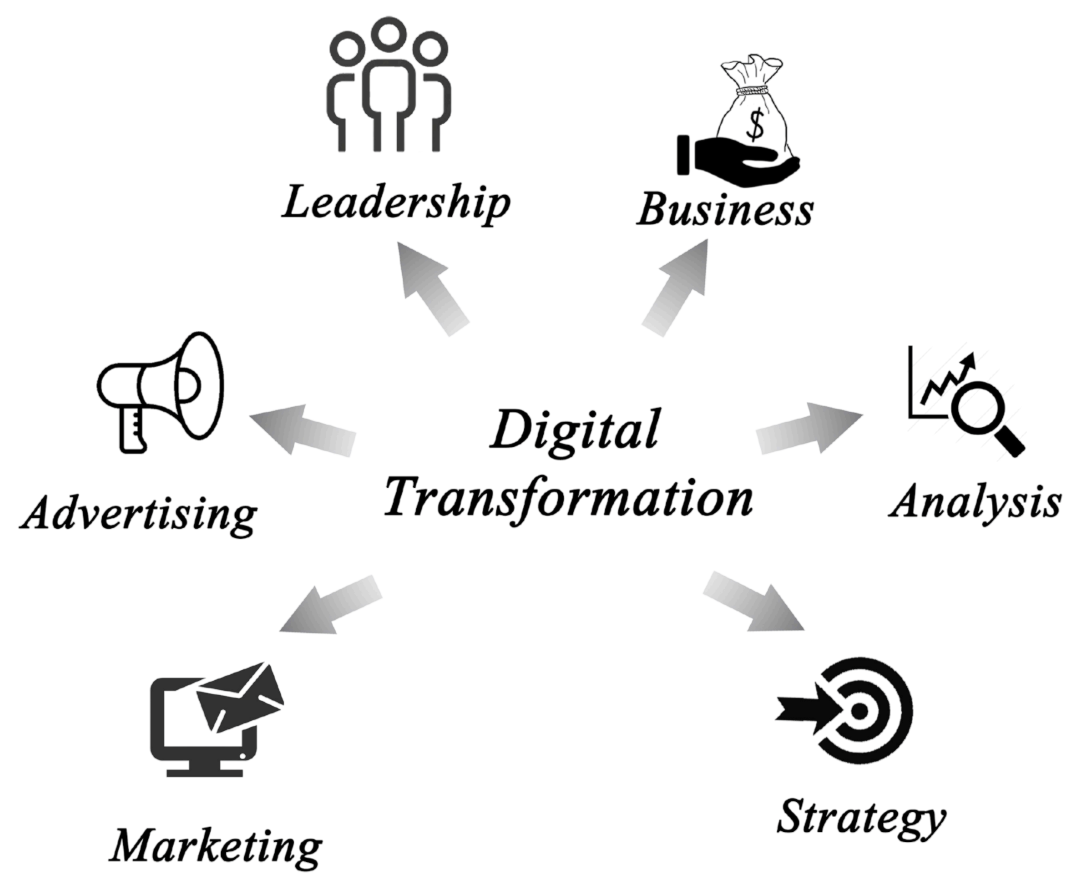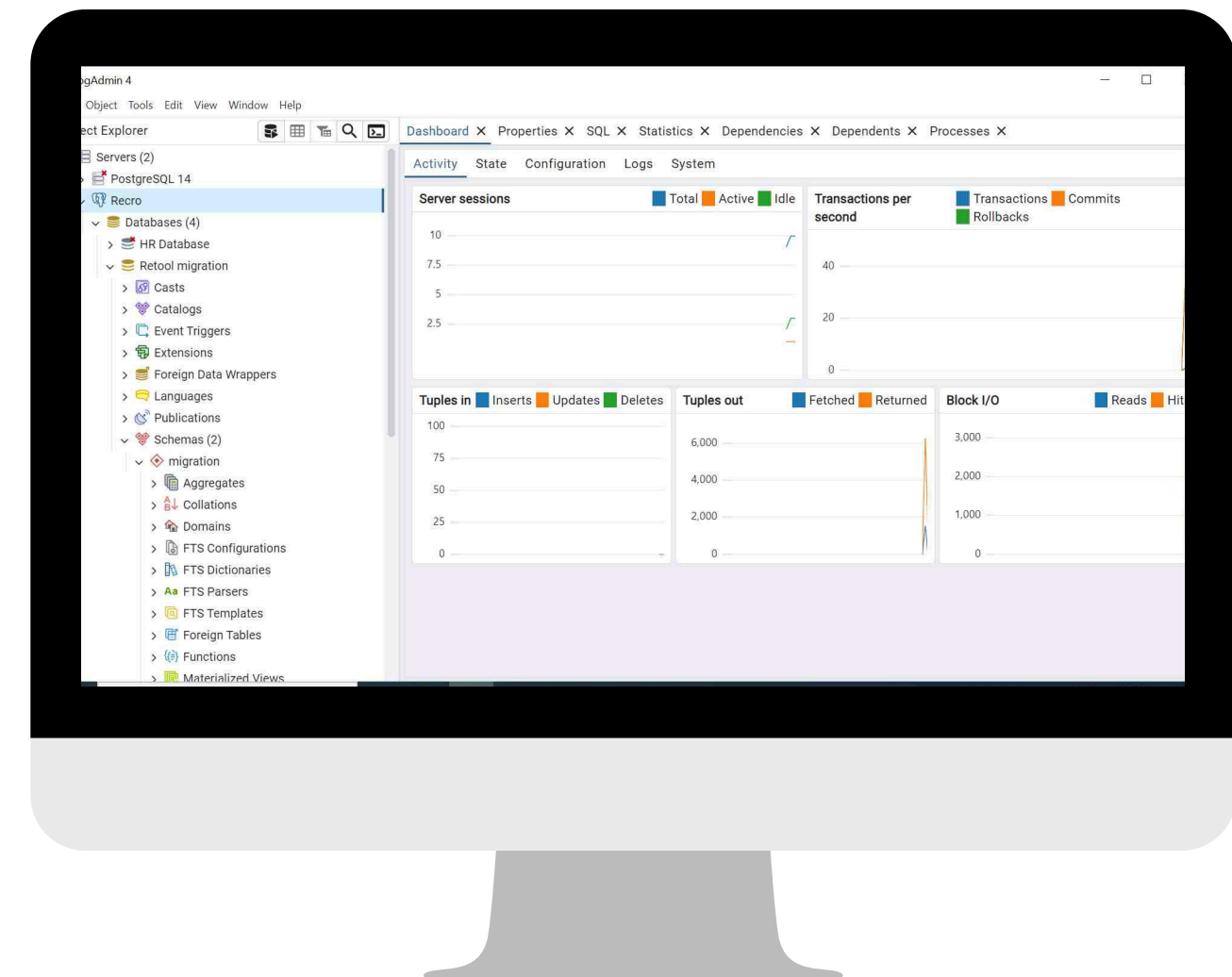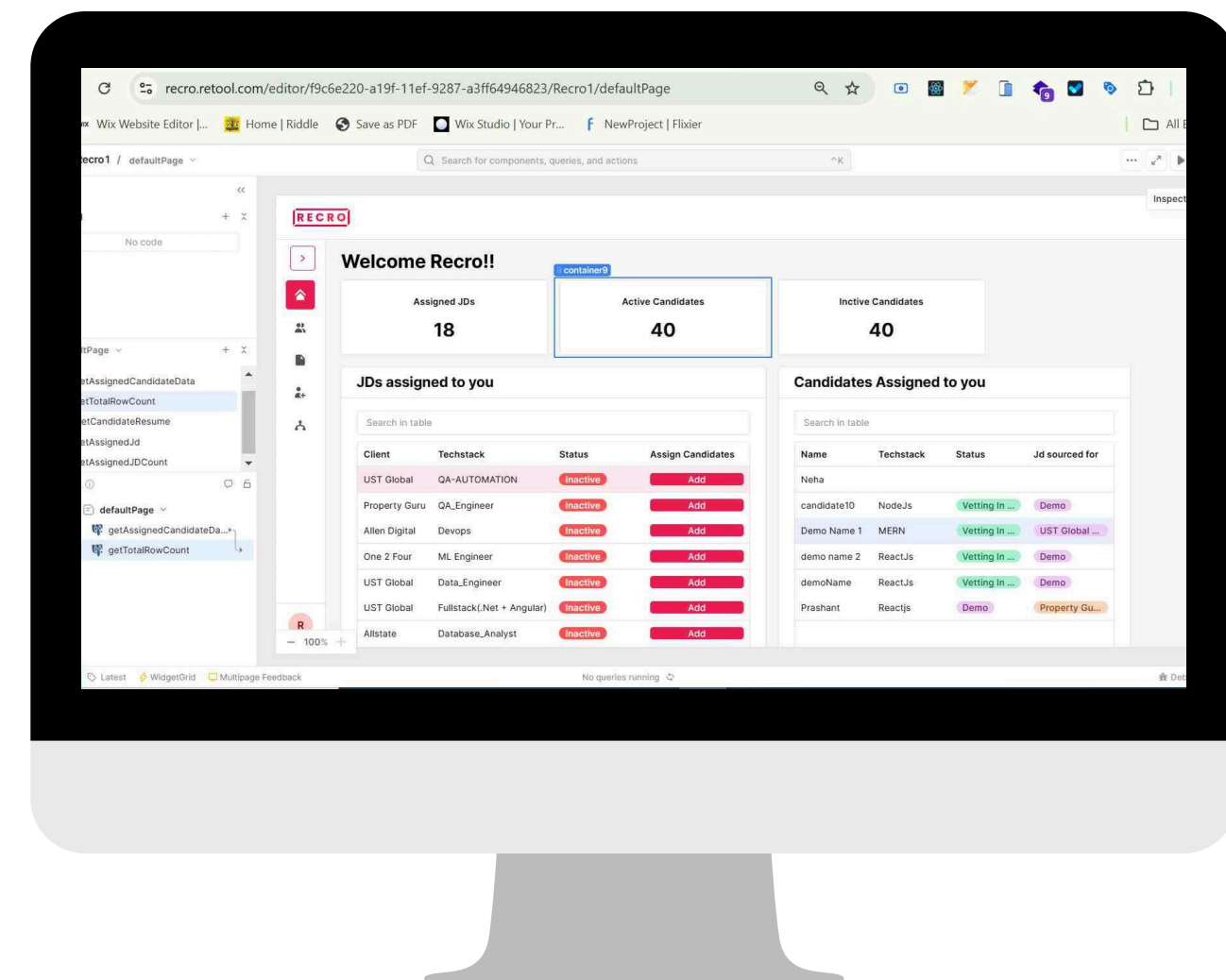Marketing

Strategy

IT Service | India

Overview

Retool is a low-code platform that allows rapid development of custom internal tools by connecting to databases, APIs, and other data sources. It provides an intuitive interface for building dynamic dashboards and workflows, enabling teams to manage, visualize, and interact with data efficiently. Retool's flexibility makes it ideal for creating role-based views, automating processes, and integrating various systems to boost productivity and improve decision-making.

For our client, we migrated their data from Airtable to a scalable PostgreSQL database and integrated it with **Retool**. This allowed us to create customized, role-specific dashboards for recruiters, hiring managers, and administrators. The migration improved data centralization, streamlined recruitment workflows, and enhanced data visibility, resulting in a robust, user-friendly system tailored to meet dynamic talent acquisition needs.
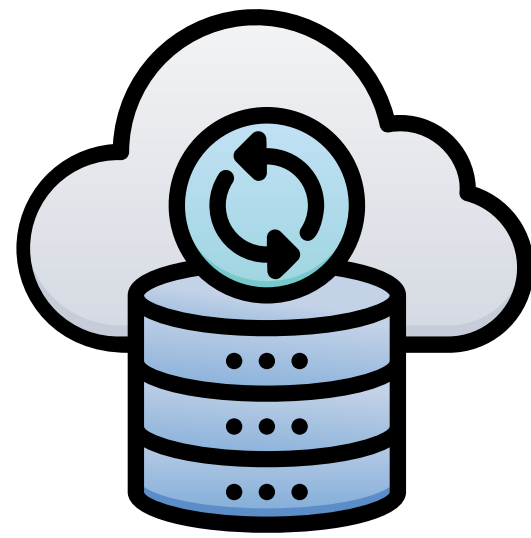
Technical implementation

We integrated Airtable with Retool and migrated data to PostgreSQL on AWS RDS through a multi-step process for efficient data management. Data was extracted using Airtable's API, transformed into relational tables for candidates and job stages, and loaded into PostgreSQL using Python-based ETL scripts. Automated syncs with cron jobs and AWS Lambda ensured data consistency. Retool was configured with secure role-based access, creating custom dashboards for recruiters, hiring managers, and administrators, enhanced with triggers and automated actions for workflow efficiency. Data validation prevented duplicates, while AWS CloudWatch monitored performance, delivering a scalable, secure, and user-friendly recruitment management solution.
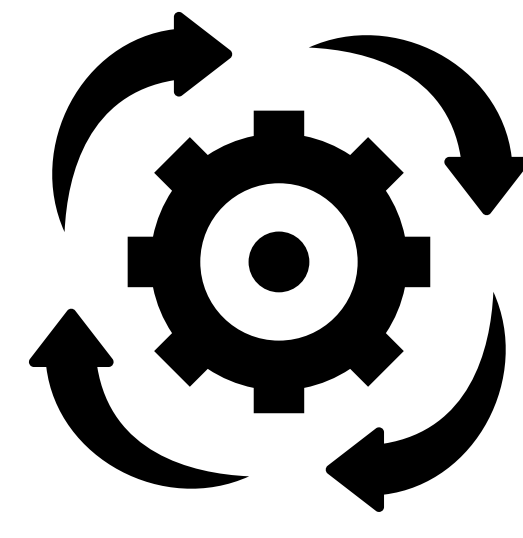
Features

Centralized Data
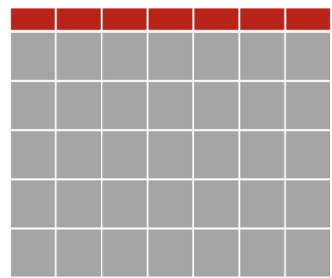Management

Automated
Data Syncing

Enhanced Security
and Scalability

Streamlined
Workflows

Timeline & Tech Stack

01
Month

IT Service
Industry

03
Team size

India
Location

Retool

PostgreSQL

Python

Amazon S3

Reach us:

Technology Partners

Our Certification

iView Labs Pvt. Ltd.

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Off Rajiv Gandhi Underpass
Nr. Stadium Circle,
Navrangpura Ahmedabad,
Gujarat, INDIA - 380009

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Thank you

Any Questions ?

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