

IT Service

Revolutionizing Workflows with

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.

info@iviewlabs.com | www.iviewlabs.com | Skype: iview.labs



ogAdmin 4 Object Tools Edit View Window Help						- 0		
ect Explorer	Dashboard × Properties ×	COLX Statiation X D	nondonolog	X Dependente X D				
E Servers (2)			pendencies		TOCESSES A			
Servers (2) Eff PostgreSQL 14	Activity State Configu	ration Logs System						
Recro	Server sessions	Total 📕 Ac	tive 📕 Idle	Transactions per	Transactions Commits			
✓ ■ Databases (4)				second	Rollbacks			
> 🔮 HR Database	10		Г					
	7.5	7.5			40			
> 🐼 Casts	5							
> 💖 Catalogs		2.5						
> 🛄 Event Triggers	2.5				20 —			
> 1 Extensions			1					
> 🍧 Foreign Data Wrappers				0 —				
> 🤤 Languages	Tuples in 📕 Inserts 📕 Upd	lates 📕 Deletes 🛛 Tuples o	ıt 📃	Fetched <mark>Returned</mark>	Block I/O	📕 Reads 📕 Hi		
> 🔊 Publications	100							
🗸 💖 Schemas (2)		6,000		1	3,000			
v 📀 migration	75				2.000			
> C Aggregates	50	4,000			2,000			
> A Collations	25	2,000			1,000			
> 🏠 Domains	23			٨				
> B FTS Configurations	0	- 0		P	0			
> 🖪 FTS Dictionaries								
> Aa FTS Parsers								
 Image: FTS Templates Image: Foreign Tables 								
> (a) Functions								
Materialized Views								
> Waterialized views								

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.

info@iviewlabs.com | www.iviewlabs.com | Skype: iview.labs

iView

			9287-a3ff64946823/		2	९ 🕁	•	1 🞽 🗋	🍖 💟 🦻	1 1 1 1
w Wix Website Editor 🧱 Hon	ne Kiddle 🛛 🔊		Wix Studio Your P			~K				- 2 H
		G	components, t	doeues, and actio	113	R.				
~	-									Inspec
+ ×	RECRO									
No code	> v	Velcome	Recro!!							
	_			E container9		1				
		Assigned JDs		Active Candidates		Inctive Candidates				
No. 10 Mil	(m)		18		40		40			
ItPage ∽ + ×										
etAssignedCandidateData	å+	JDs assigned to you				Candidates	s Assigned	to you		
etTotalRowCount etCandidateResume		Search in table			Search in table					
etAssignedJd	A									
etAssignedJDCount 👻		Client	Techstack	Status	Assign Candidates	Name	Techstack	Status	Jd sourced for	
0 0 6		UST Global	QA-AUTOMATION	Inactive	Add	Neha				
🖹 defaultPage 🗸		Property Guru	QA_Engineer	Inactive	Add	candidate10	NodeJs	Vetting In	Demo	
getAssignedCandidateDa getTotalRowCount		Allen Digital	Devops	Inactive	Add	Demo Name 1	MERN	Vetting In	UST Global	
. gettotantonoosint		One 2 Four	ML Engineer	Inactive	Add	demo name 2	ReactJs	Vetting In	Demo	
		UST Global	Data_Engineer	Inactive	Add	demoName	ReactJs	Vetting In	Demo	
	R	UST Global	Fullstack(.Net + Angular)	Inactive	Add	Prashant	Reactjs	Demo	Property Gu	
	- 100% +	Allstate	Database_Analyst	Inactive	Add					

Features







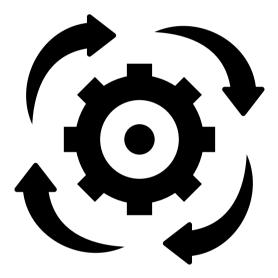
Centralized Data Management

Automated Data Syncing

Enhanced Security and Scalability

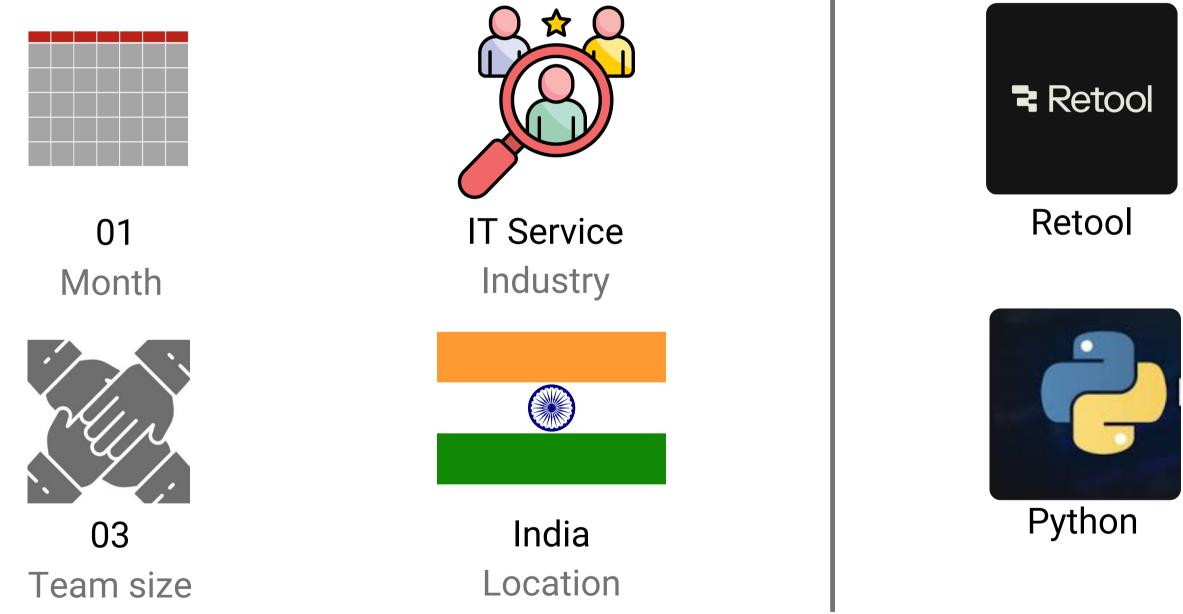
info@iviewlabs.com | www.iviewlabs.com | Skype: iview.labs





Streamlined Workflows

Timeline & Tech Stack



info@iviewlabs.com | www.iviewlabs.com | Skype: iview.labs







Amazon S3

Reach us:



info@iviewlabs.com | www.iviewlabs.com | Skype: iview.labs



iView Labs Pvt. Ltd.

1 Adit Medical Centre Off Rajiv Gandhi Underpass Nr. Stadium Circle, Navrangpura Ahmedabad, Gujarat, INDIA - 380009

Thank you

Any Questions ?

You can reach us at :

info@iviewlabs.com

www.iviewlabs.com

+91 98250 87794



