



Case Study for Education Industry

Client

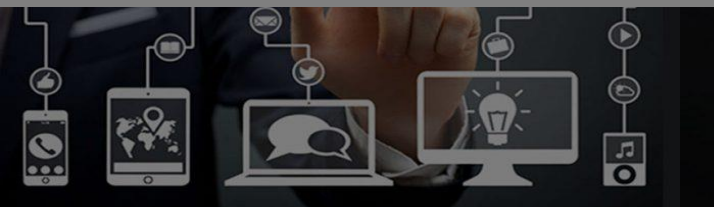


Democratizing Admissions to College.

Brief About Project: Siembra mobile is a platform that track student progress in school. Siembra Mobile allows to universities and councilors to outreach school students for recruitment.

Functional Requirement: The project was facing big performance challenge

- The existing application had biggest challenge as it was taking 50-70 Seconds to analyze and store one student data. This made it non operable for school with 5000+ records.
- It was also required to analyze the infrastructure and optimize it



<https://www.interprime.co/>

Implementation:

- We identified the root cause and debug whole AWK script.
- Use of Postgraphile for performance benchmarking
- Optimized performance such that one record gets processed in 0.03 Second. (Performance Improvement by 20000 times)
- Improvement in cost and infrastructure backup and reduced cost by 15% and improved availability

Project Tenure: 6 Months

Team Size: 3 Engineers

Technology Used: Python Django

Client Reference: Mr. Timothy Carl (CEO)