Extracting Relevant Information From Disparate Resume Formats for a Global Outsourcing and Consulting Company

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Business Need

The customer, being a global outsourcing company, receives a number of resumes on a daily basis from applicants in various formats. They needed a solution to quickly filter out the resumes with matching requirements for the role.

Customer Solution

A tool that can quickly sort out the resumes in terms of a match to their requirements.

Technology

Microsoft AI, NLP, Azure Document DB

Business Problem

- Large number of Resumes with different formats making it difficult to match with requirements
- This time consuming exercise led to a strain on resources and the manual analysis of resumes could lead to less than desired accuracy.
- Client wanted to be able to query top N profiles based on their top criteria.

Sonata's Solution

- Data collected from different sources stored in folder on Azure
- Applying NLP techniques such as, Name Entity Recognition to convert documents into a structured format (JSON) and store data in Azure Cosmos DB
- Power BI for the users to query the required information
- Users authenticated using Azure Active Directory

Business Benefits

- Empowered customer with a single view of all resumes with their extracted information for actionable insights

- Saving manual labor and reducing time to parse information for 200 resumes from 12 hours to less than 30 minutes

Try it Out

- Our demo for this tool is Live and can be accessed to see how beneficial it can be to businesses that need this feature.

- Do click on the link below to play around with the tool (made from mock resumes and data) that is a replica of the actual solution delivered.

View Live Report

BUSINESS & DOMAIN EXPERTISE

- Domain experts to help identify relevant pain-points
- Evaluation of business impact of the solution

MODELING EXPERTS

- Access to the renowned Indian Institute of Science (IISc) Professors and Research Scholars
- Data, Statistics, Mathematics and Econometrics Modeling

VISUALIZATION

- Creative ways at looking into the data and insights
- Streamlined Insights through Dashboards

SOLUTION INTEGRATION

- Comprehensive Data Science Solutions
- Integration and feedback loop for reinforced learning

Sonata Software is a global IT solutions firm focused on enabling platform based digital business and technology transformation for enterprises in the Travel, Retail, Distribution and Software industries. Sonata's products and platforms, anchored on its proprietary Platformation™ methodology, reflect the Company's commitment to enable connected, intelligent, open and scalable business systems.

Sonata's portfolio of products and platforms include Rezopia Digital Travel Platform, Brick & Click Retail Platform, Modern Distribution Platform, Kartopia E-Commerce Platform, Halosys Unified Enterprise Mobility Platform and RAPID DevOps, CloudOps and Testing Platform. These platforms have been deployed by leading enterprises across the globe to achieve future ready digital businesses.

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