



Revolutionizing Talent Acquisition For A Digital Partner With An AI-Powered Resume Filter



ABOUT CLIENT

This company is a leading digital partner for a wide range of clients, from startups to global brands. With headquarters in London and studios in Delhi, Lisbon, and Geneva, their team of over 130 includes experts in strategy, design, and digital product development. They work closely with clients at every stage, ensuring a seamless translation of ideas into market-ready products.

PROBLEM STATEMENT

The client needed an information retrieval system for utilizing a resume database, allowing users to make natural language queries, resembling job descriptions (JDs), and receive responses with related resume links.

NLP for Query Processing: Effectively processing natural language queries posed a challenge, necessitating the implementation of NLP techniques to comprehend diverse JD contexts and intents.

Massive Data Handling: Managing a pool of resumes posed a challenge, requiring meticulous attention to storage, indexing, and retrieval mechanisms for optimal performance with large-scale datasets.

Context-Aware Retrieval: The system needed to suggest relevant resumes based on related JDs, involving the creation of an intelligent knowledge graph to enhance the user experience through intuitive connections.

SOLUTIONS

Our AI-powered resume filter, acting as an information retrieval system, provided comprehensive query results and related source files, meeting the client's needs.

Semantic Search with LLM: Our team used Semantic Search with Language Models (LLMs) for an advanced search experience. It considered the meaning and context of words, enhancing overall accuracy and efficiency beyond traditional keyword matching.

Efficient Resume Query Handling: Our system adeptly managed resume queries, enhancing them with prompts and context. The database provided a list of relevant resumes ranked by relevance, refined by an LLM for coherence and quality, optimizing the search process.

Resume Summarization: The architecture preprocessed and summarized the resume database for efficient retrieval. Enhanced queries retrieved ranked resumes based on relevance, refined by an LLM before presenting accurate and contextually relevant results.



Industry

Digital Product
Development



Products used

AI-Powered Resume Filter



Functionality Enable

Artificial Intelligence (AI)



Impact

Improved User
Experience

Optimized Operational
Efficiency

Strategic Talent
Acquisition



pro tip

Establish a regular feedback loop with recruiters to fine-tune your AI resume filter, ensuring ongoing accuracy, reducing bias, and aligning with evolving hiring criteria.



Take the next step

Transform your hiring
process now!!

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