



International Journal of Advanced Research in Computer Science

RESEARCH PAPER

Available Online at www.ijarcs.info

“STUDY OF SEMANTIC WEB BASED E-RECRUITMENT SYSTEM : REVIEW”

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Abstract: Data retrieval of existing online recruitment systems on the basis of exact match finding techniques of user's stored profiles and the recruiter's requirement is an addressable issue nowadays. Despite of eligibility criteria all the exact details of an applicant does not match the recruiter's online form leading to zero results. Several Ontologies have been popular in the field of knowledge management and knowledge sharing, especially after the evolution of the Semantic Web. Ontology defines the terms and concepts (meaning) used to describe and represent an area of knowledge. The aim of this research is to review the existing Ontologies developed for e – recruitment. In this paper I have done a review and analysis of semantic web based e – recruitment systems with their different concepts undertaken for their development. It involves study of different job portals for domain terminology, different semantic technology used so far for similar purpose, development of Ontology, Development and testing of SPARQL queries for accurate searching, Deployment over the Internet to conduct practical search. I have explained the e-recruitment process and methods listing them through several sections and drawn the conclusion.

Keywords: Semantic web, e-recruitment, Ontology, literature survey

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