Job Portal Application with Fake Profile Detection

Dr. Puttegowda D[1], Rahul Prasad KR[2], Ranjitha C[3], Santhosh Kumar C[4], Suma JA[5]

Professor & HOD, Department of Computer Science and Engineering[1]

Students, Department of Computer Science and Engineering[2,3,4,5]

ATME College of Engineering, Mysore, India

Abstract: *As a job seeker, finding jobs that best suits the interests is most difficult task. Online job portals have certainly made job seeking convenient on both sides. The difficulties arise from not having proper knowledge on current job openings. Job portal is the solution where recruiter as well as the job seeker to meet their individual requirement. The creation of fake profiles is a major problem in the job market. The use of fake marks cards is a common tactic used by job seekers to inflate their academic qualifications. The use of fake companies is a relatively new but growing issue in the job market, with scammers creating false job postings and using them to collect personal information or advance fee payments from unsuspecting job seekers. By applying CNN algorithm to analyses scanned copies of marks cards, signs of forgery such as inconsistencies in the font or handwriting and identify potential cases of photo manipulation can be detected.*

Keywords: Android development, Convolutional Neural Networks (CNNs), Kmeans, Fake profiles, Falsifying qualifications, Fake marks cards, Forgery detection.

REFERENCES

[1]. Nabil Ghanmi and Ahmad-Montaser Awal "A New Descriptor for Pattern Matching: Application to Identity Document Verification", DOI: 10.1109/DAS.2018.74, April 2018.

[2]. Vijay Yadav Ujjwal Gewali Suman Khatri "Smart Job Recruitment Automation: Bridging Industry and University", IEEE, DOI: 10.1109/AITB48515.2019.8947445, 05 November 2019.

[3]. Shawni Dutta, Prof.Samir Kumar Bandyopadhyay "Docschain: Blockchain Based IoT Solution for the Verification of the Degree Documents", IJRTE, DOI: 10.1109/ICICV50876.2021.9388428, 2020.

[4]. Bhushan Kinge, Shrinivas Mandhare, Pranali Chavan, S. M. Chaware "Resume Screening Using the Machine Learning and the NLP", IJSRCSEIT, DOI:10.32628/CSEIT228240, 2022.

[5]. Karri Sai Suresh Reddy, Karri Lakshmana Reddy "Fake Job Recruitment Detection" JETIR Volume 8, Issue 8, 2021.

[6]. Shawni Dutta and Prof.Samir Kumar Bandyopadhyay "Fake Job Recruitment Detection Using Machine Learning Approach", DOI: 10.14445/22315381/IJETT-V68I4P209S, 2020.

[7]. Pradeep Kumar Roy, Sarabjeet Singh Chowdhary, Rocky Bhatia "A Machine Learning approach for automation of Resume", ICCIDS, DOI: 10.1016/j.procs.2020.03.284 2019.

[8]. Shantanu Sarode, Utkarsha Khandare, Shubham Jadhav "Document Manipulation Detection and Authenticity Verification Using Machine Learning and Blockchain" IRJET, Volume: 07 Issue: 05, 2020.

[9]. Prof. Vivek Solvande,Vaishnavi, Ambolkar, Siddhesh Birmole, Divya Gawas, DnyanadaJuvale "Fake Profile Identification Using Machine Learning Algorithm" IRJET, Volume: 08 Issue: 04, 2021.

[10]. Priya Khandagale, Akshata Utekar, Anushka Dhonde, Prof. S. S. Karve, "Fake Job Detection Using Machine Learning", IJRASET, Volume 10 Issue IV, Apr 2022.

Copyright to IJARSCT
www.ijarsct.co.in

DOI: 10.48175/568

ISSN
2581-9429
IJARSCT

143