(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/04/2023

(21) Application No.202311028659 A

(43) Publication Date : 26/05/2023

(54) Title of the invention : SYSTEM AND METHOD FOR SEARCHING APPROPRIATE RESUME USING ARTIFICIAL INTELLIGENCE AND CHATBOT

(51) International classification : A61B 031400, G06N 030000, G06N 050400, G06N 200000, H04L 510200 (86) International Application No :NA Filing Date :NA (87) International Publication No : NA (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA	(71)**Name of Applicant :** 1)**Chitkara University** Address of Applicant :Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala ----------- ----------- 2)**Chitkara Innovation Incubator Foundation** **Name of Applicant : NA** **Address of Applicant : NA** (72)**Name of Inventor :** 1)**BANSAL, Rajni** Address of Applicant :Associate Professor, Chitkara Business School, Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala ----------- ----------- 2)**GOEL, Suriti** Address of Applicant :Assistant Professor, Chitkara Business School, Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala ----------- ----------- 3)**GUPTA, Monica** Address of Applicant :Assistant Professor, Chitkara Business School, Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala ----------- ----------- 4)**BALA, Nishi** Address of Applicant :1383, Phase 2, Urban Estate Dugri, Ludhiana - 141013, Punjab, India. Ludhiana ----------- ----------- 5)**KUMAR, Sachin** Address of Applicant :1383, Phase 2, Urban Estate Dugri, Ludhiana - 141013, Punjab, India. Ludhiana ----------- ----------- 6)**RANA, Aradhana** Address of Applicant :#185, Sector 23 B, Vidhi Chand Colony, Mandi Gobindgarh - 147301, Punjab, India. Mandi Gobindgarh ----------- ----------- 7)**TANDON, Dinesh** Address of Applicant :Assistant Professor, Chitkara Business School, Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala ----------- ----------- 8)**KUMAR, Roshan** Address of Applicant :Parshwanath Atlantis Park, Near Agora Mall, G/103, Sugad, Gandhinagar - 382424, Gujarat, India. Gandhinagar ----------- -----------

(57) Abstract :
The present disclosure relates to a system and method for conducting automated screening of resumes (102) of users for a job position at a given company. The system aims at conducting a faster screening for selection of a user to a position. A company can have multiple source of input where a user can submit his or her resume (102). The resumes are then collected in a database (106) and parsed for extracting relevant skill sets (116) to the job requirements of the open position with a company. The system also uses Application Programming Interfaces (APIs) (110) for connecting the system to the various online profiles of the user on LinkedIn, Github and so on. The relevant skill sets (116) are extracted from these online profiles too and compared to a predetermined set of skills based on the job requirements. Based on this comparison, rankings are assigned to all the resumes and the user with the highest ranked reusme is selected for further process. The system includes an AI chatbot (128) that contacts the selected user using the contact information provided in the resume (102) and screens the user for conducting further interviews.

No. of Pages : 32 No. of Claims : 10