

AI Enabled Resume Parser

QuantumX
Hackathon



Tech-Stack

- **Backend**

Python, Fastapi, SQLite, MongoDB

- **Frontend**

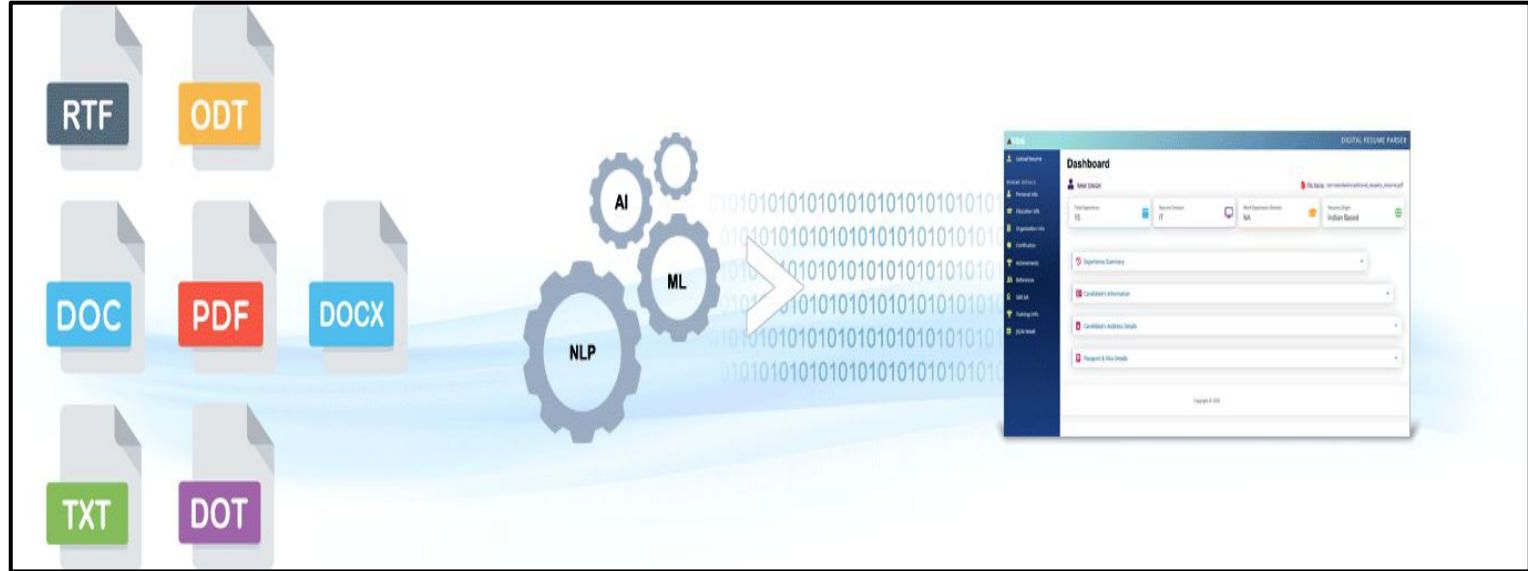
JavaScript, React.js



What is resume parser?

- A resume parser is an automated software tool that scans resumes and extracts relevant data from them.
- This data is then used to create a searchable database of applicant profiles. It works by scanning resumes for keywords, phrases, and other information that can help identify a person's experience, skills, and qualifications.
- The parser then uses algorithms to extract the relevant information and store it in a structured format. This data can then be used to create a searchable database of resumes, which can be used to quickly identify potential candidates for a job.

How it works?



How it can help companies?

- Resume parsers can help companies quickly and accurately process large numbers of job applications.
- They can quickly scan resumes for key information such as job titles, skills, qualifications, and contact information.
- This helps companies quickly identify potential job candidates and streamline the recruitment process.
- Additionally, resume parsers can help companies ensure compliance with laws and regulations, such as the EEOC, by tracking demographic information.

Input & Output

SMITH
WILLIAMS

LEAD UX DESIGNER



CONTACT

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+44 458-2350-2350

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PROFILE

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SKILLS

PROFESSIONAL

Graphic Design

UI/UX Design

Web Design

Project Management

Market Research

EXPERIENCE

JOB TITLE HERE | 2024 - PRESENT

COMPANY NAME

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JOB TITLE HERE | 2020 - 2024

COMPANY NAME

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JOB TITLE HERE | 2020 - 2024

COMPANY NAME

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EDUCATION

DEGREE TITLE

UNIVERSITY NAME

Major Subject

2020 - 2024

DEGREE TITLE

UNIVERSITY NAME

Major Subject

2020 - 2024

DEGREE TITLE

UNIVERSITY NAME

Major Subject

2020 - 2024

```
{
  "filename": {
    "basic_info": {
      "first_name": "G",
      "last_name": "Sai Charan",
      "full_name": "G Sai Charan",
      "email": "gsaicharan152020@gmail.com",
      "phone_number": "9482283105",
      "location": "",
      "portfolio": {
        "linkedin_url": "linkedin.com/in/Sai Charan",
        "github_main_page_url": "github.com/PsyCharan17",
        "university": "New Horizon College of Engineering",
        "education_level": "Bachelor of Engineering",
        "graduation_year": "2024",
        "graduation_month": "June",
        "majors": "Artificial Intelligence and ML",
        "GPA": "9.17"
      }
    },
    "work_experience": [
      {
        "job_title": "Secretary",
        "company": "Brainiacs(AIML Technical Club)",
        "location": "NHCE",
        "duration": "Oct 2022- Present",
        "job_summary": "Promoted to the position of Secretary in the Technical Club of AIML department in the college. Responsible for leading a team of board members and ensure smooth conduction of events. Delegating the tasks to be completed by the members as well as guiding junior members with the club processes"
      }
    ]
  }
}
```

Pictures

Signup

Teksands.ai

[Home](#)[Careers](#)[Contact Us](#)

Applicant's Details

Full Name *

Email *

Password *

Phone *

Choose File

No file chosen

SUBMIT

Login

Teksands.ai

[Home](#)[Careers](#)[Contact Us](#)

Login

Email *

Password *

☐ Remember Me

LOGIN







Dashboard

Admin Dashboard

Java

3 Years

Submit

APPLICANT NAME	SKILLS	EXPERIENCE	SUITABLE MATCH
 Dharshan AN dharshan@gmail.com	Java,Python,Wordpress	98%	Yes
 Alexa Liras alexa@creative-tim.com	Java	88%	Yes
 Laurent Perrier laurent@creative-tim.com	Python, JS,Java	76%	No
 Michael Levi michael@creative-tim.com	Java, Springboot	75%	No
 Richard Gran richard@creative-tim.com	Python	77%	No
 Miriam Eric miriam@creative-tim.com	Js, Ruby, Cobol	50%	No

API - Doc

FastAPI 0.103.0 GAS3

ipemaps-jon

default

- POST /signup Signup
- POST /login Login
- GET /getall Getall
- POST /updateprofile Updateprofile
- POST /uploadfile Create Upload File

Parameters

No parameters

Request body *required*

multipart/form-data

file *required*

Choose File | G Sa Charan: Resume.pdf

Code Details

200

Response body

```
{
  "filename": [
    "basic_info", {
      "first_name": "G",
      "last_name": "Sa Charan",
      "full_name": "G Sa Charan",
      "email": "gacharan@icloud.com",
      "phone_number": "988283180",
      "location": "India",
      "portfolio_website_url": "https://www.linkedin.com/in/GSaCharan",
      "github_username": "G Sa Charan",
      "university": "New Horizon College of Engineering",
      "education_level": "Bachelor of Engineering",
      "graduation_year": "2024",
      "graduation_status": "Pass",
      "majors": "Artificial Intelligence and ML",
      "gpa": "3.5/4"
    }
  ],
  "work_experience": [
    {
      "job_title": "Secretary",
      "company": "Mahatma (ADN Technical Club)",
      "location": "India",
      "duration": "Aug 2022 - Present",
      "description": "Promoted to the position of Secretary in the Technical Club of ADN department in the college. Responsible for leading a team of board members and ensuring the smooth running of events. Delegating the tasks to be completed by the members as well as guiding junior members with the club processes"
    }
  ]
}
```

Response headers

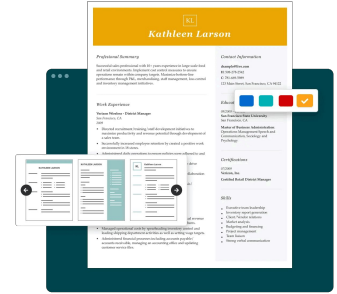
```
access-control-allow-credentials: true
access-control-allow-origin: *
content-length: 2298
content-type: application/json
date: Sat, 19 Dec 2022 05:09:05 GMT
server: uvicorn
```

Responses

Code	Description	Links
200	Successful file upload	No links

Additional Features

- Creating a resume builder
- Dashboard
- Recommending users on to what can be updated to make his/her's resume better suited for the job



Thank you

By :

Rohan S Siddeshwara,
G Sai Charan,
Dharshan AN

