



Resume & Job Description Skill Gap Analysis

Milestone 1: Parsing | Milestone 2: Skill Extraction | Milestone 3: Skill Gap Analysis

✖ Upload Resume

Resume (PDF/DOCX/TXT)



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John Doe.pdf 25.9KB

Browse files

X

✖ Upload Job Description

Job Description (PDF/DOCX/TXT)



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JOB DESCRIPTION.docx 13.7KB



Milestone 1: Parsed Text Output

Resume Text

John Doe

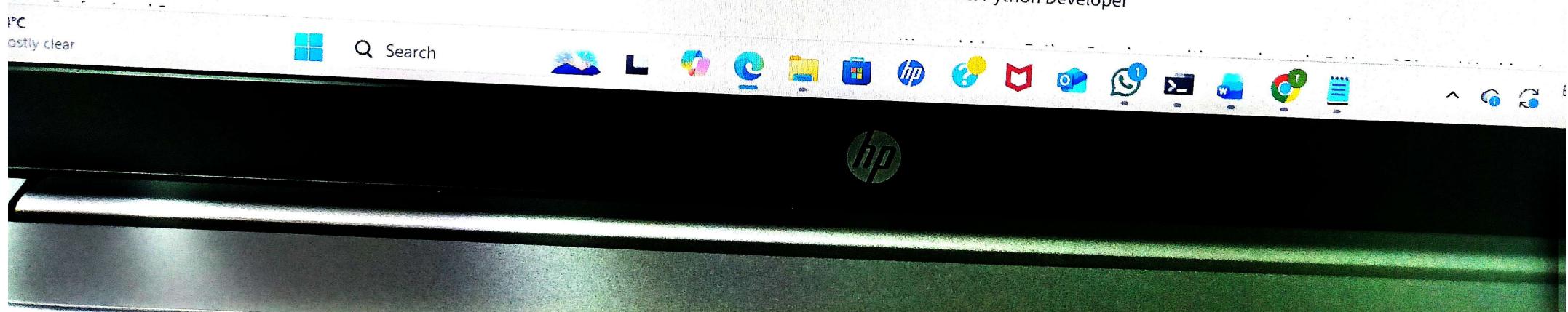
Email: john.doe@example.com

Phone: +91-9876543210

Job Description Text

Job Title: Python Developer

JOB DESCRIPTION



- Communication
- Leadership
- Teamwork

Responsibilities:

- Develop applications using Python
- Perform data analysis using statistics

🧠 Milestone 2: Skill Extraction using NLP

Resume Skills

machine learning

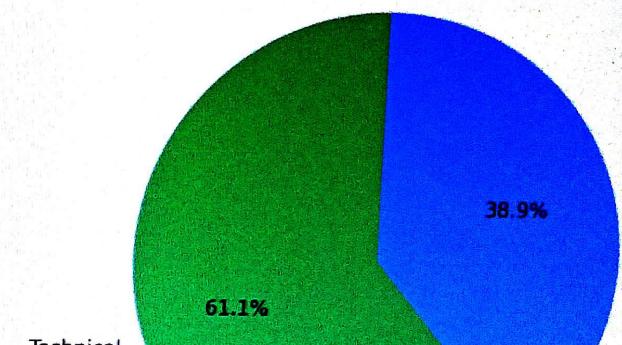
data analysis

gcp

sql

java

tableau



JOD Description SKILLS

machine learning

statistics

gcp

sql

data visualization

nlp



azure

python

deep learning

6 24°C
Mostly clear



Search



EN
IN

Milestone 3: Skill Gap Analysis & Similarity Matching

Overall Match

80%

Matched Skills

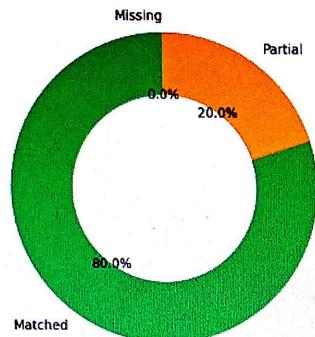
8

Partial Matches

2

Missing Skills

0



◆ Similarity Matrix

	machine learning	statistics	gcp	sql	data visualization	nlp	azur
machine learn	1	0.4	0.2	0.32	0.35	0.42	0.2
data analysis	0.55	0.51	0.1	0.45	0.62	0.29	0.1
gcp	0.2	0.08	1	0.14	0.09	0.12	0.3
sql	0.32	0.35	0.14	1	0.29	0.28	0.2
java	0.36	0.23	0.24	0.32	0.23	0.22	0.2
tableau	0.25	0.15	0.11	0.33	0.2	0.21	0.2
nlp	0.42	0.26	0.12	0.28	0.17	1	0.1
azure	0.24	0.2	0.38	0.24	0.1	0.11	
python	0.36	0.28	0.2	0.3	0.25	0.26	0.1
deep learning	0.69	0.22	0.22	0.22	0.19	0.34	0.2

⚠ Missing Skills

No missing skills



Milestone 3: Skill Gap Analysis & Similarity Matching

Overall Match

80%

Matched Skills

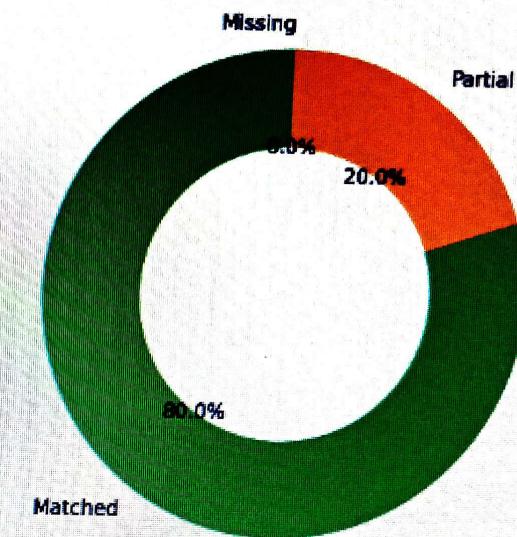
8

Partial Matches

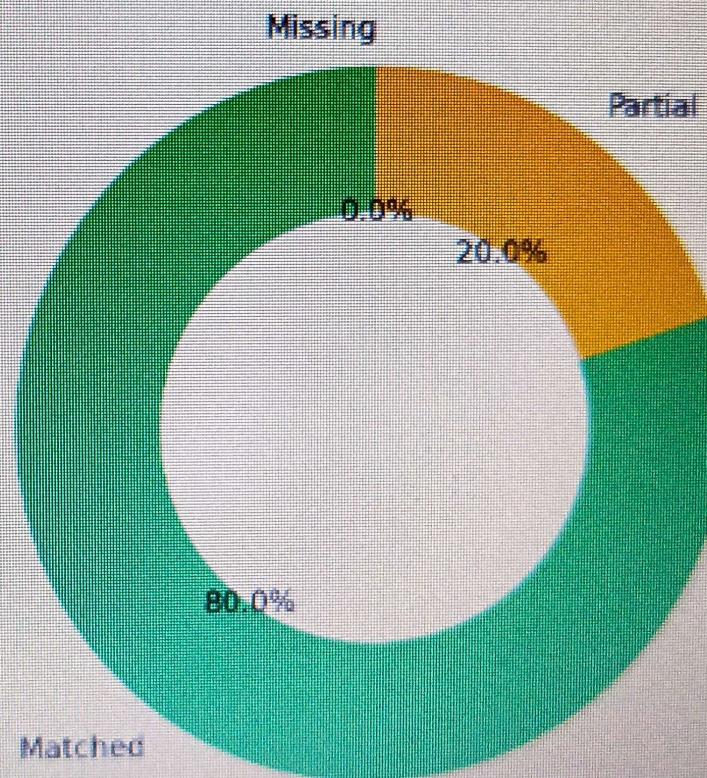
2

Missing Skills

0



Map Analysis & Similarity Matching



◆ Similarity Matrix

	machine learning	statistics	gcp	sql	data visualization	nlp	azur
machine learn	1	0.4	0.2	0.32	0.35	0.42	0.2
data analysis	0.55	0.51	0.1	0.45	0.62	0.29	0.1
gcp	0.2	0.08	1	0.14	0.09	0.12	0.3
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python	0.36	0.28	0.2	0.3	0.25	0.26	0.1
deep learning	0.69	0.22	0.22	0.22	0.19	0.34	0.2

⚠ Missing Skills

No missing skills