

ChatGPT Prompt which takes your Resume as input and parse the content in JSON format:

Parse Resume to JSON

You have a resume document in a structured format (e.g., PDF, Word). Write a Python script to parse this document and convert its content into JSON format. The resume includes sections such as Personal Information, Career Objective, Education, Work Experience, Skills, Projects, and Certifications. Each section has specific details formatted consistently.

Example:

Resume:

- Personal Information:

Name: Jai

Email: john.doe@example.com

Phone: +1 (123) 456-7890

- Career Objective:

Aspiring Machine Learning Engineer with a strong foundation in Python and machine learning, eager to contribute to streamlining business operations through innovative technological solutions.

- Education:

- Degree: Bachelor of Science in Computer Science

University: Example University

Year: 2020

- Degree: Master of Science in Data Science

University: Another University

Year: 2022

- Work Experience:

- Position: Data Analyst

Company: Tech Solutions Inc.

Duration: Jan 2021 - Present

Responsibilities:

- Analyzed large datasets using Python and SQL to derive insights.

- Developed automated reports and dashboards for management.

- Position: Software Engineer Intern

Company: Software Co.

Duration: May 2020 - Aug 2020

Responsibilities:

- Assisted in the development and testing of software applications.

- Skills:

- Programming Languages: Python, Java, C++

- Machine Learning Frameworks: TensorFlow, scikit-learn, PyTorch

- Projects:

- Project: Sentiment Analysis using Machine Learning

Description: Developed a sentiment analysis model using natural language processing techniques.

Technologies Used: Python, TensorFlow, NLTK

- Project: E-commerce Recommendation System

Description: Built a recommendation system for an e-commerce platform.

Technologies Used: Python, scikit-learn, Pandas

- Certifications:

- Certification: Machine Learning by Stanford University on Coursera

Year: 2021

"""

Example resume in JSON format:

resume_json = """

{

"Personal Information": {

"Name": "Jai",

"Email": "john.doe@example.com",

"Phone": "+1 (123) 456-7890"

},

"Career Objective": "Aspiring Machine Learning Engineer with a strong foundation in Python and machine learning, eager to contribute to streamlining business operations through innovative technological solutions.",

"Education": [

{

"Degree": "Bachelor of Science in Computer Science",

"University": "Example University",

"Year": 2020

},

{

"Degree": "Master of Science in Data Science",

"University": "Another University",

"Year": 2022

}

],

"Work Experience": [

{

"Position": "Data Analyst",

"Company": "Tech Solutions Inc.",

"Duration": "Jan 2021 - Present",

"Responsibilities": [

"Analyzed large datasets using Python and SQL to derive insights.",

"Developed automated reports and dashboards for management."

]

},

{

"Position": "Software Engineer Intern",

"Company": "Software Co.",

"Duration": "May 2020 - Aug 2020",

"Responsibilities": [

```
    "Assisted in the development and testing of software applications."
  ]
}
],
"Skills": {
  "Programming Languages": ["Python", "Java", "C++"],
  "Machine Learning Frameworks": ["TensorFlow", "scikit-learn", "PyTorch"]
},
"Projects": [
  {
    "Project": "Sentiment Analysis using Machine Learning",
    "Description": "Developed a sentiment analysis model using natural language processing techniques.",
    "Technologies Used": ["Python", "TensorFlow", "NLTK"]
  },
  {
    "Project": "E-commerce Recommendation System",
    "Description": "Built a recommendation system for an e-commerce platform.",
    "Technologies Used": ["Python", "scikit-learn", "Pandas"]
  }
],
"Certifications": [
  {
    "Certification": "Machine Learning by Stanford University on Coursera",
    "Year": 2021
  }
]
}
```